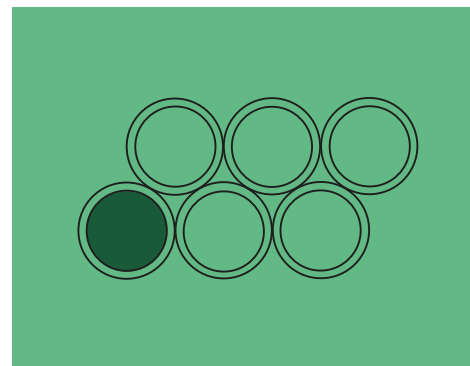
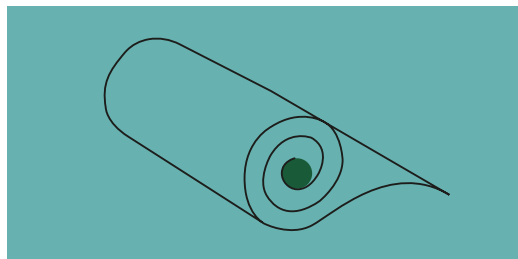
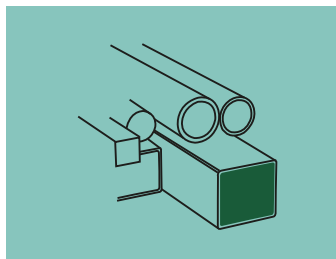
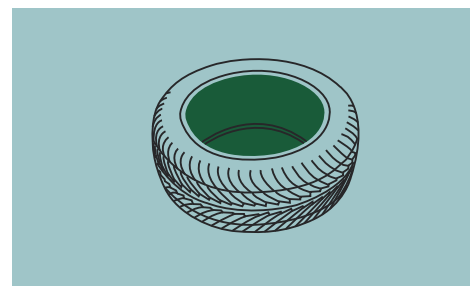
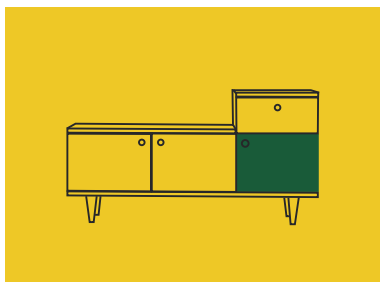
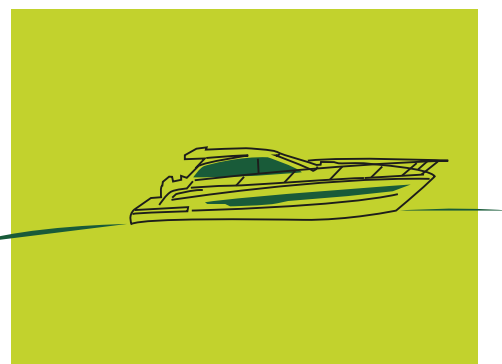
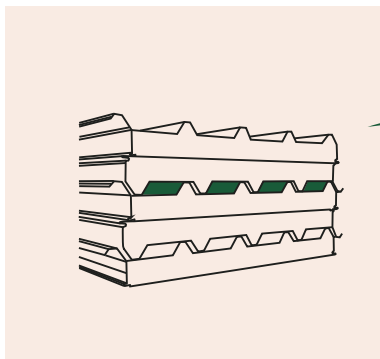
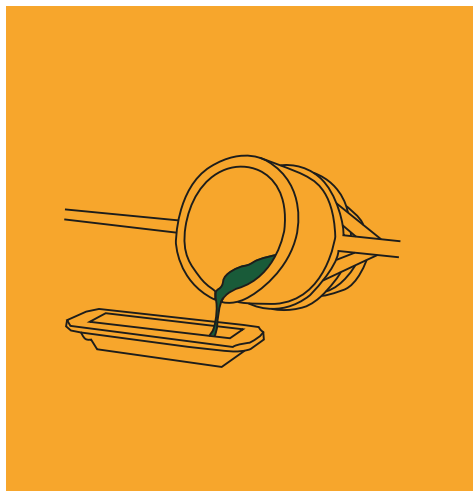




LERG[®]

SYNTHETIC RESIN PRODUCER



LERG S.A.

Our standing as a manufacturer and supplier of products tailored to the Customer needs across our sectors is backed by more of 80 years of experience and expertise. With the highest quality products, integrity and reliability in business relations, we have earned a top position among manufacturers of synthetic resins in Poland and one of the leading suppliers of chemical starting materials and intermediates in Europe. Our products are used in a range of industries, including construction, automotive, furniture and mining. The core of LERG's offering features polyester, novolak and phenolic resins, resins for wood-derivatives, insulation and composite materials, gelcoats, polyester polyols and formalin, plus Polfill® brand products dedicated to vehicle bodywork and paint repairs. The Company's portfolio currently covers around 600 products.

In our everyday work, we follow timeless values such as credibility, integrity, safety and business ethics. We recognize and deliver on our responsibility not only for the business, but also for the community and the natural environment in which we operate as an integral part. Our greatest capital is people, so we provide them with stable working conditions and opportunities for professional development, to get their commitment to work in return. We build and develop our identity with people and for people.

We constantly invest in the development of our plant, we follow global trends, and put in place new technological solutions. We continue to pursue our strategy to build a stable LERG Chemical Group gathering leading companies in the plastics industry. Current Lerg Group Members:

- Marpol Sp. z o.o. – manufacturer of packaging films,
- GTX Hanex Plastic Sp. z o.o. – manufacturer of thermoforming films, preforms and PET bottles,
- Permedia Sp. z o.o. – manufacturer of dyes and industrial additives for plastics processing,
- Izo-Erg Sp. z o.o. – manufacturer of electrical insulation and structural laminates in the form of plates, tubing and rods, as well as flexible materials and mica insulators,
- Sarzyna Chemical Sp. z o.o. – manufacturer of epoxy, polyester and novolak resins, polyols and gelcoats,
- LERG – PET Sp. z o.o. – PET purchasing and recycling arm. Manufacturer of steel machines and tanks, providing advanced-technology services in this market segment.



MANAGEMENT



MARIAN KWIECIEŃ

THE OWNER
OF LERG GROUP
CHAIRMAN
OF THE BOARD

AGNIESZKA KOZUBEK-BESPALENKO

THE GENERAL
MANAGER
V-CE CHAIRMAN
OF THE BOARD

ANDRZEJ SKOWRON

PRODUCTION
AND TECHNICAL
DIRECTOR

ANDRZEJ KORONA

DIRECTOR OF
PURCHASING
AND LOGISTICS
MEMBER
OF THE BOARD

MARIOLA SZCZĘCH

COMMERCIAL
DIRECTOR

ADAM BEK

FINANCIAL
DIRECTOR
CHIEF
ACCOUNTANT

VALUES

SAFETY

that we ensure for Employees at the workplace as well as for Business Partners and other persons staying at the Company's premises.

COMPETENCE AND QUALITY

we deepen our knowledge, develop our competences, professionalism, creativity and teamwork in order to make better decisions for the Business and Business Partners, and to constantly improve the quality of our products and services, as well as to build trust in the Business and its Employees.



RESPONSIBILITY

for us means the due delivery on our obligations and acceptance of accountability for their proper fulfilment.

PREDICTABILITY

we conduct our activities with well-thought-out decisions made based on our values, our best knowledge and professional experience. To our Customers, we guarantee supply of products of consistently high quality.

RESPECT

we recognize the dignity and values of others and the principles of fair competition, and we respect and take these into account in achieving our goals.

INTEGRITY AND COMPLIANCE

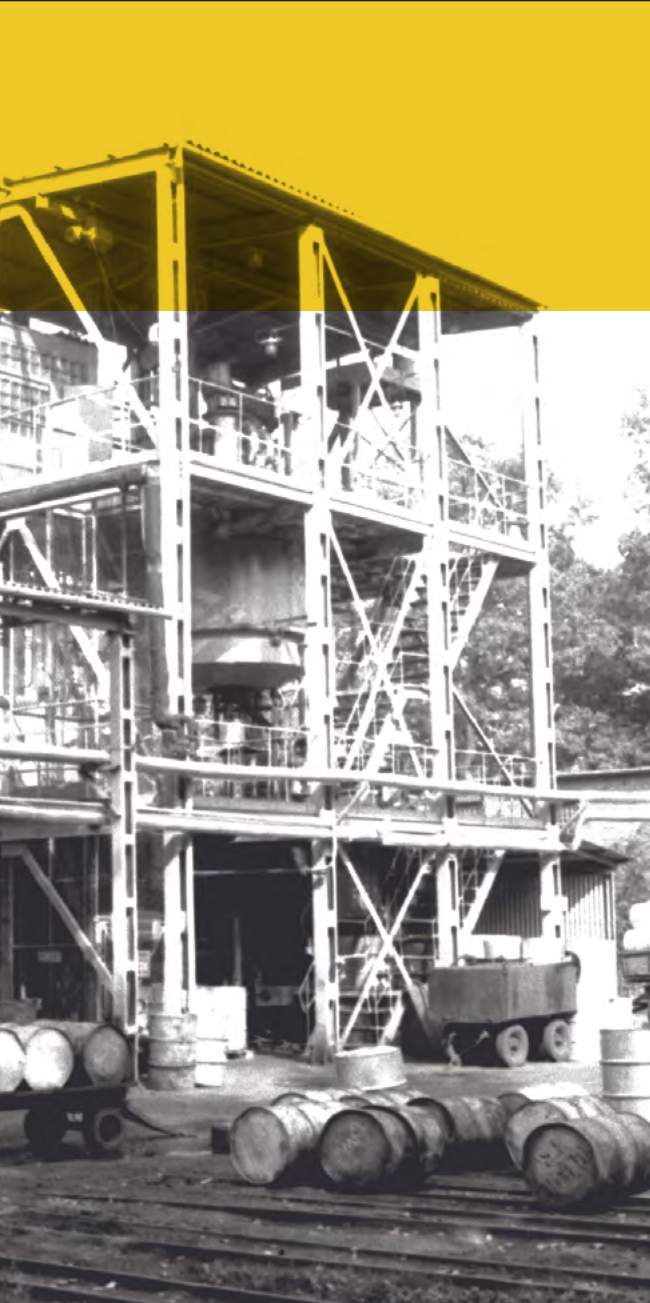
truthfulness, transparency, fairness, integrity, ethical conduct and legal compliance form the basis of our activities and operations.



DEVELOPMENT

in delivering our products, we follow the principle of continuous improvement through the deployment of new technologies and perfection of management systems.

HISTORY



1937

A Joint Stock company „Ligno-za” in Katowice undertakes the construction project of a new production plant in Pustków (operational until 1993) named „Lignoza” SA Katowice - Wytwórnia Pustków.

1947

Rebuilding of the plant under the new name ZTS ERG.

1950-1955

Intensive growth of the plant, production process started for new products: urea adhesives, rosolites, phenolic, urea and melamine moulding compounds.

1966-1970

Commissioning of the resin production installation. Commissioning of the new Laminates Department.

1992

ZTS ERG transformed into a sole shareholder of the State Treasury.

2004

Acquisition of the company by a private investor, Mr Marian Kwiecień

2006-2007

Construction of another installation for the production of polyester resins. Commissioning of the installation for the production of finely ground novolacs. Commissioning of the reactor for the production of water-soluble resins.

2009

Rebranding into LERG SA.

2010-2011

Upgrade of the raw materials storage facility and tank truck loading and unloading station at the Amino Resins Department, expansion of the Polyester and Phenolic Resins Department to include new novolac apparatus.

2014

Takeover of the Marpol S.A., flexible packaging producer from Ignatki near Białystok.

2015

Marpol S.A. bought 100% shares in Pabex.

2016

Marpol S.A. bought 100% shares in GTX HANEX PLASTIC Sp. z o.o.

2019

Lerg S.A. bought 100% shares in Permedia S.A.

2020

Lerg S.A. bought 100% shares in Izo-Erg Sp. z o.o.

2021

Lerg S.A. bought Ciech Żywiec (rebranded into Sarzyna Chemical) and Elana PET (rebranded into Lerg-Pet)



ECOLOGY

Under REACH, Lerg is continuously improving the management and control over the trade in chemicals. Lerg also has:

- company-owned, regularly upgraded biological sewage treatment plant, where sewage is treated for the local community and businesses in the vicinity,
- own drinking and surface water supply intakes,
- drinking water treatment plant.

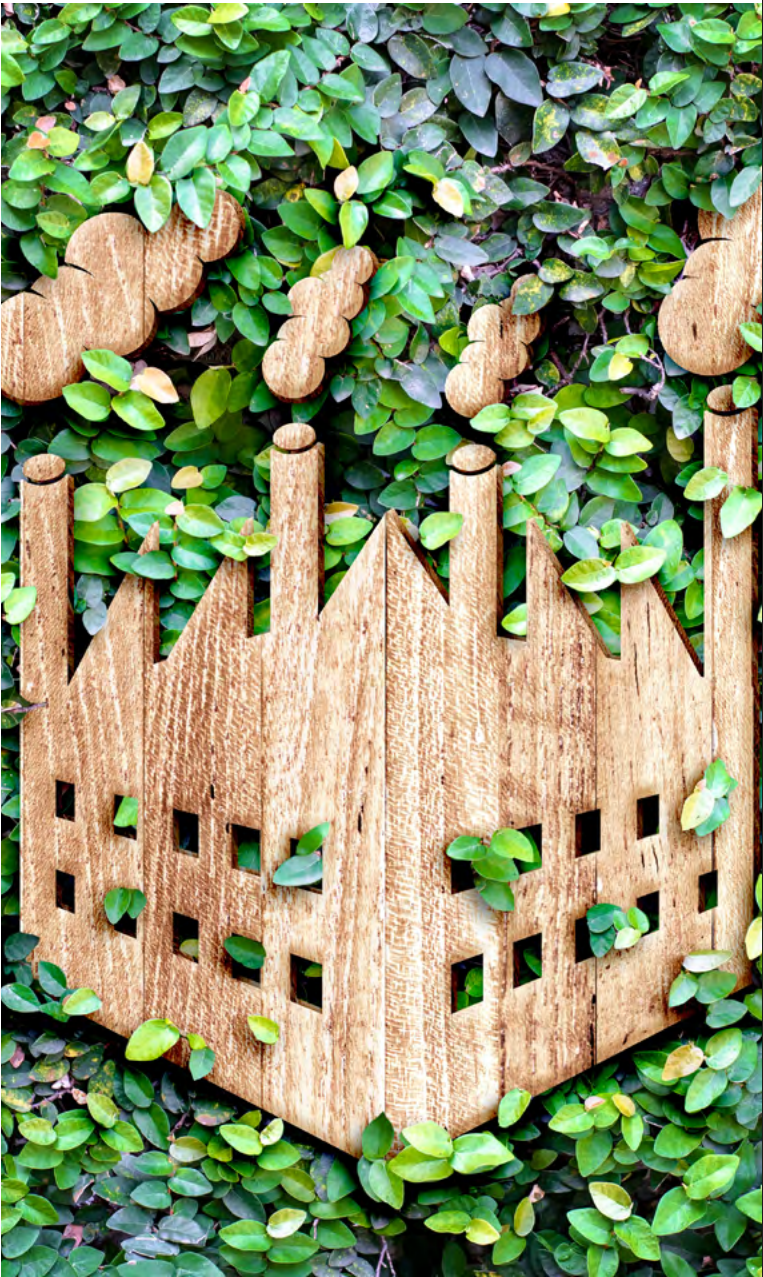
Our technologies for catalytic afterburning of vent gases from tanks and reactors from phenolic resin processes, plants for the separation and disposal of resins from waste water, and the plant for capturing formaldehyde from vapours generated in urea-formaldehyde resin processes ensure protection of the atmosphere from chemical emissions.

Lerg launched its polyester resins with low styrene emission (LSE) technology, both during production and in further life cycle, as early as in the 90's. With these processes, our environmentally friendly products make up the future of the chemical industry today.

Lerg produces resins based on recycled PET, which have been awarded the President's Award of the National Fund for Environmental Protection, and a gold medal of the POLEKO Fairs.

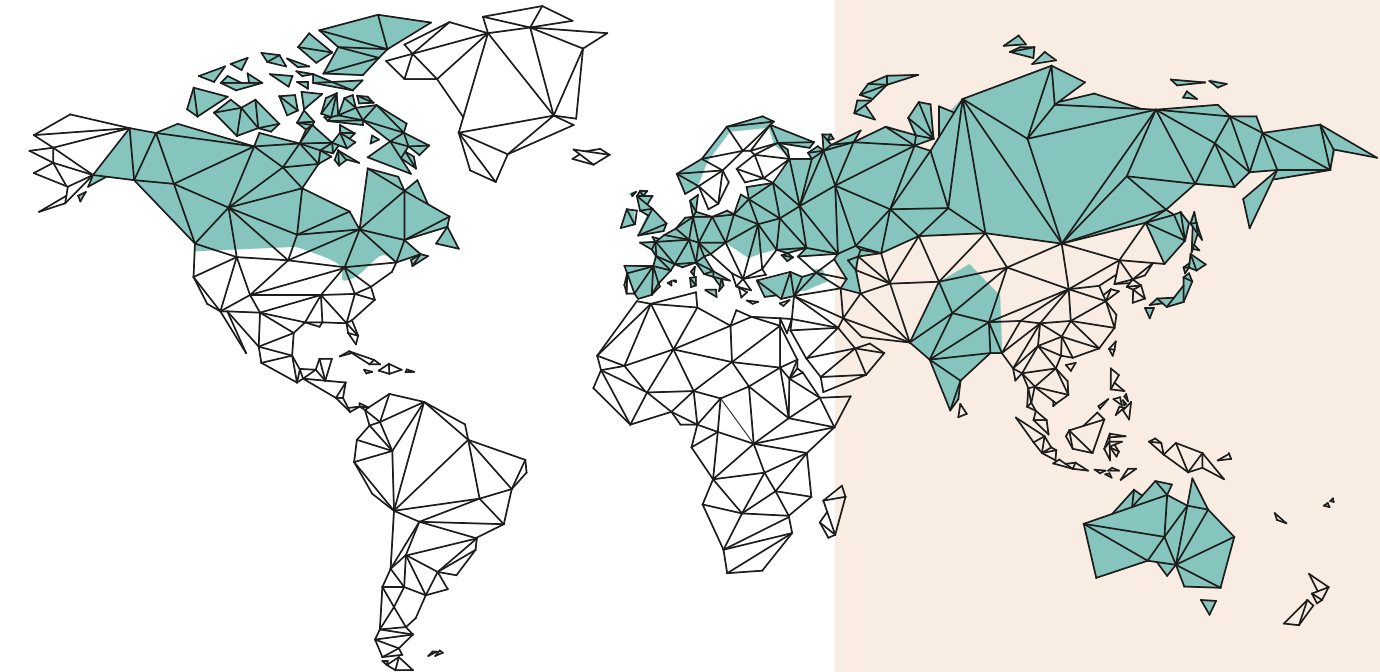
In 2020, Lerg received the Polish Smart Growth Award for Innovative Technologies of the Future, in recognition of its systematic investment in R&D capabilities and the delivery on the project:

„Development of a technologically advanced group of polyester polyols with improved fire resistance resulting from the increased content of terephthalic structures sourced from recycled poly(ethylene terephthalate), i.e. rPET”.



SALES

Almost 50% of Lerg's production is exported to foreign markets in Europe, North America, Asia and Africa.

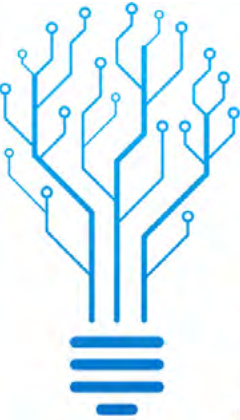


RESEARCH AND DEVELOPMENT

Approximately 100 new and existing product developments (NPD, EPD) are launched at Lerg every year. The quality of our products is demonstrated with awards and certificates, including DNV GL, ISO 9001:2015 Management System Certificate, or the Polish Smart Growth Award.

Lerg operates a well-equipped in-house R&D facility. We also work with international R&D centres in our continuous efforts to provide advanced solutions for our Customers based on optimized technology requirements.

Currently, our Company holds 24 active patents registered with the Polish Patent Office.



POLSKA NAGRODA
INTELIĞENTNEGO
ROZWOJU

2020

100

NEW AND UPGRADED
PRODUCTS ANNUALLY



INSTRUMENTAL ANALYSIS LABORATORY:
ICP-OES SPECTROMETRIC TESTING



INSTRUMENTAL ANALYSIS LABORATORY:
GC-FID, GPC, GC-MS, HPLC
CHROMATOGRAPHIC TESTING



INSTRUMENTAL ANALYSIS LABORATORY:
DSC, STA THERMAL ANALYSES



RESIN RESEARCH LABORATORIES: FOR POLYESTER
RESINS AND POLYESTEROLS, PHENOLIC RESINS
(RESOLE AND NOVOLAK TYPE), AMINO RESINS,
AND PUTTIES AND VARNISHES

TECHNOLOGY

Unconventional solutions, capital investment in cutting-edge plant and equipment, continuous monitoring of Customer needs and professional maintenance and service are at the foundation of LERG operations. The annual CAPEX spending of more than PLN 15 million allows us to upgrade our production as we go.



ADVANCED PLANT FOR THE PRODUCTION OF POWDER RESINS

€4 million
WORTH OF ANNUAL INVESTMENT



FORMALIN INSTALLATION



POLYESTER POLYOLS INSTALLATION

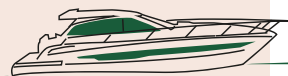
PRODUCTS

Lerg’s synthetic resins are based on urea, melamine, styrene, phenol and methanol.

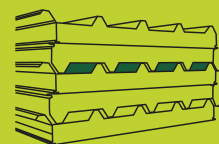
Our current product portfolio, split into nine categories, features over 600 products that find their applications in many industries and sectors.

In addition, each of the resins on our offer can be modified to match the specific production profile of our Customers.

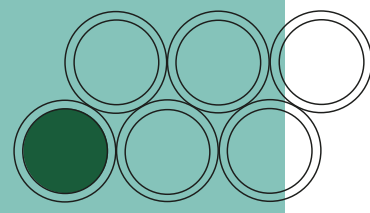
UNSATURATED POLYESTER RESINS



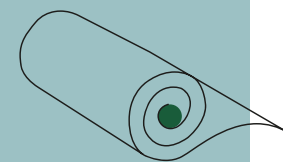
POLYESTER POLYOLS



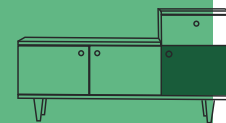
GELCOATS



RESINS FOR INSULATION MATERIALS



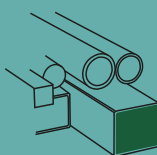
RESINS FOR WOOD DERIVATIVES



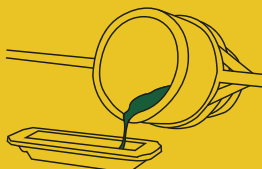
NOVOLAC RESINS



RESINS FOR IMPREGNATION AND LAYERED MATERIALS



FOUNDRY RESINS



FORMALIN



POLFILL®



MORE
THAN

600
PRODUCTS

POLYESTER RESINS

LERG offers unsaturated polyester resins of ESTROMAL® range, which are styrene solutions of unsaturated polyester of the orthophthalic, terephthalic, isophthalic and DCPD types. These resins are used, among others, for the production of polymer concrete, castings, garden figures, laminates, acrylic products, in mining, haberdashery, and for the renovation of sewage systems (in CIPP technology). PET derived from the recycling of beverage bottles is used for the production of terephthalic resins. Estromal® resin range covers over 300 products tailored to individual needs of our Customers. LERG's offer features also ESTROFTAL® alkyd resins de-

signed for the production of paints and varnishes. The Company's offering also features vinyl ester resins made in a reaction of epoxy resin and unsaturated monocarboxylic acid, followed with dissolution in a monomer such as styrene or other acrylic monomers. These are intended mainly for use in the production of composite materials of high mechanical strength, flexibility and chemical, thermal and hydrolytic resistance.

Below are examples of resins from selected applications.

NAME	APPLICATION	VISCOSITY [mPa·s]	GEL TIME [min]	HDT [°C]	FLEXURAL STRENGTH [MPa]	TENSILE STRENGTH [MPa]	ELONGATION AT BREAK [%]
11.LM-02	POLYESTER-GLASS CONSTRUCTION LAMINATES, E.G. FOR BOATS/YACHTS	1100-1500	20-30	60	103	64	2
11.DFR-01	FLAME-RETARDANT COMPOSITES USED IN RAILWAY SECTOR, BUILDING CONSTRUCTION, ETC.	1500-3000	15-30	82	50	35	0,4
11.A-01	ACRYLIC BATHTUBS AND SHOWER TRAYS	250-400	10-15	59	110	70	2,3
14.PB-06	POLYMER-CONCRETE - CENTRIFUGAL CASTING METHODS, E.G. FOR PIPES	200-400	8-20	95	125	75	3,5
14.DRT-01	INFUSION - E.G. TANKS, BOAT COMPONENTS	180-200	40-50	95	115	72	4
17.PL-02	PULTRUSION - E.G. RODS AND PROFILES	800-900	6'20"-9'20" *	90	130	70	3
A.023	ARTIFICIAL MARBLE PRODUCTS	250-350	15-20	70	85	35	2,5
11.SM-01	SMC, BMC	1400-1800	1-2 *	135	100	53	1,6
ESTROMAL VE-110	THIXOTROPIC, STRUCTURAL LAMINATES	600	30	100	100	75	2,3
ESTROMAL W-3/UV	CIPP TECHNOLOGY, UV-CURED	700	1	120	145	80	4,5

*Time to maximum copolymerization temperature T80-TMAX°C. The table presents sample resins for selected fields of application.

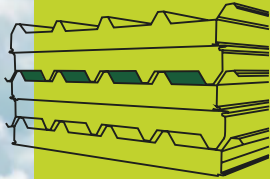


POLYESTER POLYOLS

Rigidols are a group of polyester polyols used in the production of polyurethane materials in many fields of application. Environmental friendliness is a key feature of these products. They are based on biorenewables and recycled raw materials (pre-consumer

and post-consumer). The table gives examples of polyols. This category features many products modified to match individual needs of our Customers.

NAME	APPLICATION	VISCOSITY 25°C [mPa·s]	HYDROXYL VALUE [mgKOH/g]	ACID VALUE [mgKOH/g]	WATER CONTENT [%]
K-400/E2	POLYURETHANE ADHESIVES	400-1000	400-460	max. 1,0	max. 0,1
P-350/E1	POLYURETHANE ADHESIVES	500-1100	350-400	max. 1,5	max. 0,1
K-150/E	POLYURETHANE ADHESIVES	500-900	150-200	max. 1,0	max. 0,1
M-250	SEALING AND FIXING FOAMS, OCF FIXING FOAMS	3000-4000	250-300	max. 1,0	max. 0,1
N-250E	PRODUCTION OF RIGID FOAMS IN SPRAY SYSTEMS	6000-10000	250-300	max. 1,0	max. 0,1
N-300	PRODUCTION OF RIGID FOAMS IN SPRAY SYSTEMS	1200-1600	300-330	max. 1,0	max. 0,1
P-200/PET50	PIR/PUR SANDWICH PANELS	3000-4000	210-260	2-3	max. 0,15
P-200/F3/K	PIR/PUR SANDWICH PANELS	1000-2000	190-230	-	max. 0,5
P-200/F1/R	PIR/PUR SANDWICH PANELS	3000-4000	230-250	1,8-2,8	max. 0,15



GELCOATS

FlexCoat® gelcoats are used to produce polyester-glass laminates as the outer decorative and protective layer. These are based on isophthalic resin with improved mechanical parameters and high chemical resistance. After curing, they show high strength parameters and resistance to weather conditions and environmental pollution.

LERG offers gelcoats, both for spraying and manual application, in colours in line with the RAL Classic palette. Non-standard colours can be also supplied at individual request. For application purposes, colouring pigments and mineral fillers are added. The offer also includes colourless gelcoats. FlexCoat® gelcoats by LERG are DNV GL approved.

On our offer we have also topcoats, which are used in the production of polyester-glass laminates as the final layer. The topcoat creates a dry inner surface of the product and masks the glass mat pattern. Topcoats are also available in variants for both manual and spray application.



RESINS FOR INSULATION MATERIALS

LERG is ranked among the leading European manufacturers of resins for insulation. Its offer features phenolic, urea and melamine resins, which are used in production of fibreglass and rock wool, glassfibre non-woven, injection adhesives, foaming systems, floral and orthopaedic foams.

These are also used in the mining industry for making phenolic foams used for stopping, isolating and filling in fill voids in the roof and rock mass. Sample resins for insulation materials and their parameters are given below:

NAME	TYPE	APPLICATION	DENSITY [g/cm³]	CURING TIME [min]	PHENOL CONTENT [%]	FREE FORMALDE- HYDE CONTENT [%]
WR-127	PHENOL-FORMALDEHYDE RESIN	ROCK WOOL	1,20 ± 0,02	4-8	max. 0,6	<0,1
WR-129	PHENOL-FORMALDEHYDE RESIN	ROCK WOOL	1,22 ± 0,02	4-6	max. 0,25	max. 0,4
WR-122/4	PHENOL-FORMALDEHYDE RESIN	ROCK WOOL	1,19 ± 0,03	3-7	0,4-06	<0,1
RESOLE PGN		PHENOLIC FOAM	1,20 ± 0,02	10-14	max. 6,9	<0,09



RESINS FOR WOOD DERIVATIVES

LERG offers phenolic resins of LIGNOFEN® type, urea resins of MS type, and phenolic melamine urea resins of LIGNOMEL type. The portfolio includes specialist fillers for LIGNOFEN® resins and curing agents for MS and LIGNOMEL type resins, intended for making ready-

to-use adhesive systems. These resins are used for the production of waterproof, interior, bent-laminated plywood and fibreboards, layered floor materials, and in veneering of wood derivatives.

NAME	TYPE	APPLICATION	HOPPLER VISCOSITY [mPa·s]	DRY MATTER CONTENT [%]	FREE FORMALDEHYDE CONTENT [%]	SHELF LIFE
LIGNOFEN®	PHENOL-FORMALDEHYDE RESIN (PF)	WATERPROOF PLYWOOD	300-600	46-50	<0,1	3-4 WEEK IN SUMMER/WINTER
FP-51	PHENOL-FORMALDEHYDE RESIN (PF)	FIBREBOARDS	370-470	44-46	<0,1	2 WEEKS
MS TYPE	UREA-FORMALDEHYDE RESIN (UF)	INTERIOR AND BENT-LAMINATED PLYWOOD, VENEERS AND MINING FOAMS	450-4000	min. 66	<0,1 0,1-0,40	4 WEEKS
FM-21, FM-20 TYPE	UREA-FORMALDEHYDE RESIN (UF)	DECORATIVE PAPER IMPREGNATION	10-20	approx. 50	<0,1 0,1-0,15	2 WEEKS
PD-30	MELAMINE-FORMALDEHYDE RESIN (MF)	DECORATIVE PAPER IMPREGNATION	60-90	approx. 60	0,1-0,2	3 WEEKS
LIGNOMEL	MELAMINE-UREA-FORMALDEHYDE RESIN (MUF)	WATERPROOF PLYWOOD	750-850	60-65	<0,2	3 WEEKS
LIGNOMEL 10	MELAMINE-UREA-FORMALDEHYDE RESIN (MUF)	WATERPROOF PLYWOOD	400-600	65-70	0,1-0,15	4 WEEKS
RESIN ADDITIVES						
U-10 HARDENER		STANDARD HARDENER FOR UREA-FORMALDEHYDE RESINS	-	-	-	3 MONTHS
UTS-(10-30) HARDENER		HARDENER FOR UREA-FORMALDEHYDE RESINS IN SEPARATIVE SYSTEMS	-	-	-	1 MONTH
UT-31 AND UT-50 HARDENERS		HARDENER FOR UREA-FORMALDEHYDE RESINS FOR TWO-COMPONENT SYSTEMS	-	-	-	2 MONTHS
LIGNOFILLER		WATERPROOF PLYWOOD	-	-	-	3 MONTHS



NOVOLAK RESINS

LERG is the largest manufacturer of novolak resins in Poland. Novolak resins are offered in the form of finely ground powder compositions, flakes or beads. They are mainly used in the rubber industry (including tire industry), foundry, abrasive and friction materials, technical felts or refractory materials.

LERG has over 100 types of novolak resins in its product portfolio. Examples are given below:

NAME	APPLICATION	FLOW PATH [mm]	HEXAMINE CONTENT [%]	MELTING POINT [°C]	CURING TIME [s]	FREE PHENOL CONTENT [%]	WATER CONTENT [%]	SIEVE RESIDUE [%]
MD 1/64	ABRASIVES	45-55	13,5-14,5	-	-	max. 0,9	max. 1,0	0,045 mm: 12-18
MD 2/22	FRICTION MATERIALS	20-25	9,0-10,5	min. 85	30-50	max. 0,9	max. 1,0	0,045 mm: 5-7
MD 3/18	TECHNICAL FELTS	35-45	8,5-10,5	75-83	75-100	max. 0,5	max. 0,8	0,045 mm: 30-50 0,150 mm: 3-6
MD 4/7	FLAME RETARDANT MATERIALS	25-35	9,3-10,7	min. 75	65-90	>3,0	max. 1,0	0,045 mm: 10-25
MD 5/2	MOULDING COMPOUNDS	18-22	12,8-13,2	min. 85	-	max. 0,9	max. 1,0	0,064 mm: 0-16 0,075 mm: 0-0,1
GD	RUBBER INDUSTRY (I.A. TIRES)	-	-	-	-	max. 0,5	-	-



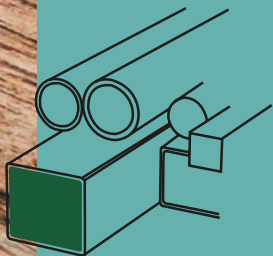
RESINS

FOR IMPREGNATION AND COMPOSITE MATERIALS

These are urea-formaldehyde resins, melamine-formaldehyde resins, phenol-formaldehyde resins, water and alcohol solutions of phenol-formaldehyde resins. They are mainly used in the production of decorative foils,

borders and films, decorative laminates, electro-technical laminates, electro-technical pipes and special impregnating agents.

NAME	TYPE	APPLICATION	DRY MATTER CONTENT [%]	VISCOSITY [mPa·s]	pH
FM-21 /4	UREA-FORMALDEHYDE RESIN	FILM FINISH	51±1	12-15	7,5-8,0
FM-22	UREA-FORMALDEHYDE RESIN	FILM FINISH	60 ± 1	42-60	7,5-8,0
DNP-1	PHENOL-FORMALDEHYDE RESIN	DECORATIVE LAMINATES HPL	55-58	14-18 [s]	6,8-7,2
PF-6	PHENOL-FORMALDEHYDE RESIN	DECORATIVE LAMINATES HPL COATED WITH COPPER AND ALUMINIUM	60-63	100-130	8,0-8,4
CPL-1	PHENOL-FORMALDEHYDE RESIN	DECORATIVE LAMINATES CPL	48-51	30-50	8,0-8,5
L02H	PHENOL-FORMALDEHYDE RESIN	TECHNICAL LAMINATES HPL	min. 65	55-65 [s]	approx. 8,0
PF-7	PHENOL-FORMALDEHYDE RESIN	ROLLED TECHNICAL LAMINATES	min. 57	45-65 [s]	8,4-8,5
PF-77	PHENOL-FORMALDEHYDE RESIN	ROLLED TECHNICAL LAMINATES	min. 68	1100-1400	7,8-8,2
DS-05	PHENOL-FORMALDEHYDE RESIN	STRUCTURAL MESH IMPREGNATION	64-68	500-600	8,6-9,2
PF-14	PHENOL-FORMALDEHYDE RESIN	FILTER PAPER IMPREGNATION	62-65	250-600	-
PF-12	MODIFIED PHENOLIC RESIN	IMPREGNATION OF FILTER FABRICS	63-67	200-350	-
K-2M WITH UK-2M HARDENER	PHENOL-FORMALDEHYDE RESIN	FLAME-RETARDANT COMPOSITES MADE BY CONTACT METHOD	70-74	700-800	7,3-7,8
LERGFEN L-11	PHENOL-FORMALDEHYDE RESIN	IMPREGNATION OF PAPERS FOR COMPOSITE MATERIALS	53-56	18-20	7,8-8,2



FOUNDRI RESINS

These are furane resins of the EKOTEC® and EKOFUR® (nitrogen-free) type, cured with acids: COLD-BOX and HOT-BOX technologies, and phenolic resins cured with

acids, esters and CO2: COLD-BOX and ALFA-SET technologies. Below are some examples:

NAME	TYPE	APPLICATION	HOPPLER VISCOSITY [mPa·s]	FURFURYL ALCOHOL CONTENT [%]	FREE FORMALDEHYDE CONTENT [%]	NITROGEN CONTENT [%]	SHELF LIFE
EKOTEC® TYPE	UREA-FURFURYL RESIN	MOULDING, PRODUCTION OF FOUNDRY MASSES IN NO-BAKE PROCESS	6-160	45-90	<0,1 0,1-0,5	0,6-1,0	3 MONTHS
PHENRESIN -150	PHENOL-FORMALDEHYDE RESIN	MOULDING, PRODUCTION OF FOUNDRY MASSES IN NO-BAKE PROCESS	50-100	-	0,1-0,5	approx. 1,0	4 WEEKS
DK-8, DK-9	PHENOL-FORMALDEHYDE RESIN	MOULDING, PRODUCTION OF FOUNDRY MASSES IN NO-BAKE PROCESS	150-300	-	<0,1	≤1,0	4 WEEKS
NB TYPE	PHENOL-FORMALDEHYDE RESIN	MOULDING, PRODUCTION OF FOUNDRY MASSES, ESTER-CURED IN COLD-BOX PROCESS	50-200	-	<0,1	approx. 0,5	4 WEEKS
NFC, DK-7	PHENOL-FORMALDEHYDE RESIN	MOULDING, PRODUCTION OF FOUNDRY MASSES, CARBON DIOXIDE-CURED IN COLD-BOX PROCESS	200-500	-	<0,1	-	4 WEEKS
EKOFUR® TYPE	PHENOL-FORMALDEHYDE-FURFURYL RESIN	MOLDING, PRODUCTION OF FOUNDRY MASSES IN NO-BAKE PROCESS	10-30	35-80	0,1-0,4	-	3 MONTHS
EKOTEC®-30	UREA-FURFURYL RESIN	MOLDING, PRODUCTION OF FOUNDRY MASSES IN HOT CURING PROCESS	400-600	approx. 30	1,0-2,0	≤15%	4 WEEKS
FM-30K	PHENOL-UREA-FORMALDEHYDE RESIN (PUF)	MOLDING, PRODUCTION OF FOUNDRY MASSES IN HOT CURING PROCESS	5000-8000	-	0,5-1,0	≤15%	4 WEEKS



FORMALIN

Formalin is an aqueous solution of formaldehyde (methyl aldehyde, methanal), obtained from methyl alcohol by its oxidation and dehydrogenation. The trade form is a colourless liquid with a characteristic pungent smell. This product is used in the chemical industry,

among others, in the production of synthetic resins, adhesives, insulating materials, concrete additives.

NAME	FORMALDEHYDE CONTENT [%]	METHYL ALDEHYDE CONTENT [%]	ORGANIC ACIDS CONTENT [%]	IRON CONTENT [%]	SHELF LIFE
FORMALIN A	20≤c<45	0,5≤c<1,5	max. 0,03	max. 0,0001	2 MONTHS (AT 10-40°C)
FORMALIN B	20≤c<45	1,5≤c≤4,5	max. 0,03	max. 0,0001	2 MONTHS (AT 10-40°C)
FORMALIN C	20≤c<45	4,6≤c<10	max. 0,03	max. 0,0001	2 MONTHS (AT 10-40°C)



POLFILL®

PROFESSIONAL-USE RENOVATION PRODUCTS

In 2005, LERG S.A. developed a base resin, which is the core component of polyester putties, and decided to launch a new product group. Over the years since, it has successively introduced new products for the renovation of vehicle bodies.

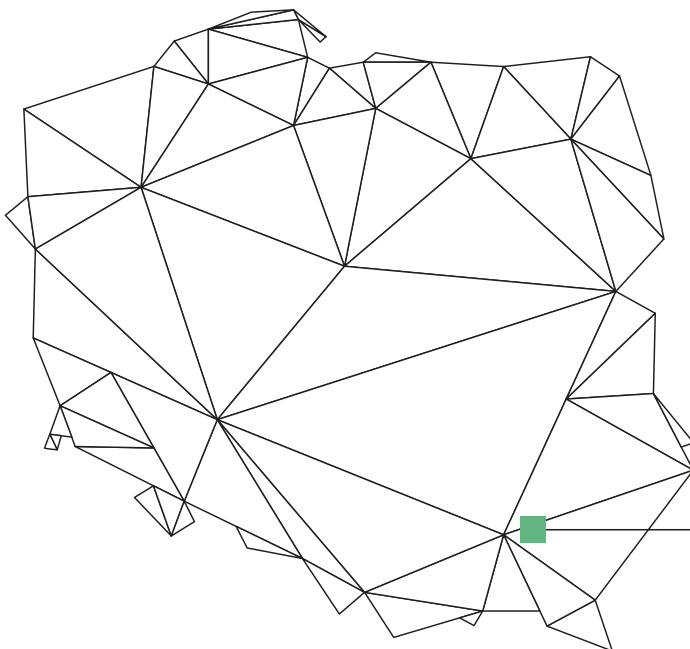
The POLFILL® brand covers a wide range of products designed for renovation of bodywork for cars and trucks, buses, boats and yachts. The products are made on the basis of selected raw materials to guarantee a high quality standard. Ease of application, simple processing, zero shrinkage and reproducible quality are the main features of the products in our offer.

Our current offer covers the following product groups:

- Putties
- Varnishes and primers
- Removers, thinners and additives
- Polyester resins
- Protective products
- Polishing products



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