



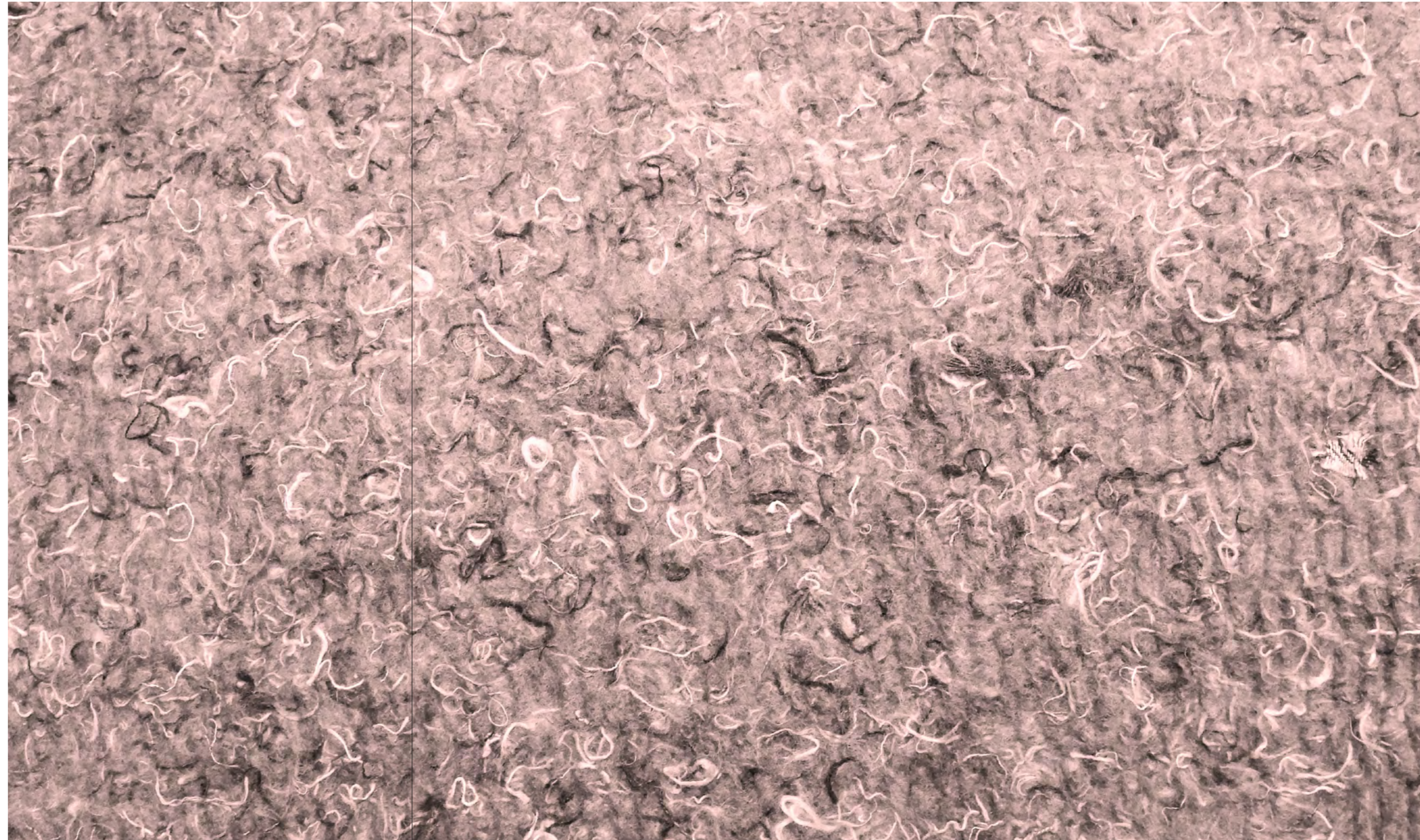
NOVOLAK RESINS TECHNICAL FELTS



TECHNICAL FELTS

We offer fine-ground novolak resins for use as adhesives in the production of technical felts. These resins are available in the basic version with a number of additives. Dependent on the customer's requirements, these resins can be enriched with antipyrènes, separation agents, anti-dusting agents and fillers.

Technical felts can be in the form of mats, linings and pressed profiles, which can be used for acoustic and thermal insulation purposes in cars, rail cars, household equipment, etc.



NOVOLAK MD3

TECHNICAL FELTS

SYMBOL	RESIN PROPERTIES						
	FLOW PATH PN-EN ISO 8619 [mm]	HEXAMINE CONTENT OWN METHOD [%]	MELTING POINT PN-EN ISO 3146 [°C]	CURING TIME PN-EN ISO 8987 [s]	FREE PHENOL CONTENT OWN METHOD [%]	WATER CONTENT PN-ISO 760 [%]	SIEVE RESIDUE ANALYSIS OF DRY LASER [%]
MD 3/11/C LUB MD 3/11/M	30-40	5,5-7,0	min. 80	45-65	max. 0,2	-	0,063 mm: 12-24
MD 3/12	30-50	5,5-6,5	-	-	max. 0,9	-	0,063 mm: max. 3,5
MD 3/18	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 3/19	20-40	6,0-7,5	min. 80	max. 70	max. 0,2		0,090 mm: 8-14
MD 3/20/1	25-35	6,5-7,5		25-55	max. 0,2	max. 0,8	0,090 mm: 20-26
MD 3/22	15-40	4,1-4,9	77-87	30-70	max. 0,25	max. 0,8	0,090 mm: 13-16
MD 3/25A	15-27	6,5-9,0	min. 77	40-60	max. 0,25	max. 0,8	0,090 mm: 13-16
MD 3/31	20-40	5,5-6,5	min. 75	40-80	max. 0,2	-	0,090 mm: 8-14
MD 3/32/1	14-22	6,0-7,0	approx. 85	35-75	max. 0,25	max. 0,8	0,075 mm: 25-30; 0,063 mm: 33-38
MD 3/35	30-40	9,0-10,0	min. 80	30-60	max. 0,2		0,090 mm: 8-14
MD 3/36/1	14-22	6,5-7,5	approx. 85	40-90	max. 0,5	max. 0,8	0,045 mm: 25-30; 0,075 mm: 8-12
MD 3/38	15-35	6,0-7,5	min. 80	max. 70	max. 0,2		0,090 mm: 8-14
MD 3/39	30-40	6,5-7,5		45-75	max. 0,2	max. 1,0	0,075 mm: 8-12; 0,045 mm: 25-30
MD 3/41	12-22	6,5-7,5	approx. 85	25-55	max. 0,5	max. 1,0	0,090: 8-14
MD 3/45	14-22	5,5-6,5	min. 80	55-75	max. 0,25	max. 0,8	0,063 mm: 12-24



WE DEVELOP RESINS THAT MEET INDIVIDUAL CUSTOMER REQUIREMENTS

Every year, Lerg markets around 100 new and upgraded products. The quality of its products has been acknowledged by numerous awards and quality certificates, including DNV GL, ISO 9001:2015 Management System Certificate or the Intelligent Development Polish Award and European Quality Certificate.

Lerg has a well-equipped R&D facility and collaborates with international R&D centres, constantly developing innovative solutions for its Customers to cater for their performance-optimised process needs.

Due to the variety of applications of novolak resins as well as specific production profiles of our Customers, technologists from LERG's R&D department lead continuous cooperation with Customers adjusting parameters of resins to their needs, provide professional implementation service, as well as conduct technical and application trainings in the field of resin processing.



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