

DEGALAN[®] Coating Resins

Sales Range



DEGALAN[®]





DEGALAN® – Innovative Products for various Applications

Evonik Röhm GmbH, a part of Evonik Industries, has been developing acrylate- and methacrylate-based raw materials for coatings since the 1930s. These developments have led to the production of acrylic polymers that can be supplied as solutions, dispersions, or solids. These grades are well established in the paints and coatings industry for decades now.

With production sites in Worms, Wesseling, and Darmstadt, Evonik belongs to one of the largest producers of methacrylate-based coating raw materials in Europe. With a new site in Shanghai, China, Evonik is strengthening its position as one of the leading suppliers of methacrylate-based raw materials for coatings in Asia, too. A global distribution network of qualified contact persons is available to take your requests.

Evonik offers a wide range of DEGALAN® binders.

Our products are used mainly in

- marine and container paints
- road markings
- metal coatings
- plastic coatings
- architectural paint
- ceramic transfer lacquers.

DEGALAN® products perform convincingly in all applications that call for extreme weather resistance, colorfastness, and brilliance.

In cooperation with its customers, Evonik develops new products for innovative applications. These joint developments lead to new coating raw materials tailored to the needs of individual end-customers.

DEGALAN® Acrylic resins in solid form

Physical Form	Glass transition temperature (T _g) according to DIN EN ISO 11357-1 [°C]	Molecular Weight (M _w) according to DIN 55672-1 [g/mol]	Viscosity Number according to DIN EN ISO 1628-1 [cm ³ /g]	Dynamic Viscosity according to DIN EN ISO 3219 [mPa·s]	Solid content in MEK [%]	Acid Value according to DIN EN ISO 2114 [mg KOH/g]
Bead Polymers						
DEGALAN® P 24	ca. 43	ca. 180 000	ca. 55	ca. 450	40	
DEGALAN® LP 63/11	ca. 44	ca. 30 000	ca. 16	ca. 20	40	ca. 6
DEGALAN® P 675	ca. 48	ca. 180 000	ca. 57	ca. 280	40	
DEGALAN® MB 319	ca. 50	ca. 160 000	ca. 55	ca. 500	40	
DEGALAN® LP 65/11	ca. 51	ca. 35 000	ca. 19	ca. 50	40	ca. 8.5
DEGALAN® LP 64/11	ca. 56	ca. 35 000	ca. 19	ca. 100	40	ca. 8
DEGALAN® LP 65/12	ca. 57	ca. 60 000	ca. 30	ca. 150	40	ca. 9
DEGALAN® LP 62/05	ca. 60	ca. 250 000	ca. 80	ca. 1 200	40	
DEGALAN® LP 64/12	ca. 63	ca. 60 000	ca. 30	ca. 180	40	ca. 8
DEGALAN® P 26	ca. 66	ca. 180 000	ca. 55	ca. 350	40	
DEGALAN® LP 66/02	ca. 82	ca. 60 000	ca. 30	ca. 470	40	
DEGALAN® LP 67/11	ca. 85	ca. 37 000	ca. 22	ca. 140	40	ca. 6
DEGALAN® VP M 710	ca. 98	ca. 110 000	ca. 52	ca. 6 500	40	
DEGALAN® VP 1034 F	ca. 99	ca. 110 000	ca. 52	ca. 2 100	40	
DEGALAN® M 345	ca. 104	ca. 180 000	ca. 55	ca. 14 000	40	
DEGALAN® M 748	ca. 105	ca. 73 000	ca. 43	ca. 4 400	40	ca. 2
DEGALAN® M 825	ca. 105	ca. 80 000	ca. 37	ca. 1 500	40	
DEGALAN® LP 53/13	ca. 112	ca. 150 000	ca. 50	ca. 680	30	ca. 3.5
DEGALAN® LP 50/02	ca. 116	ca. 80 000	ca. 35	ca. 180	30	
DEGALAN® LP 51/03	ca. 118	ca. 115 000	ca. 60	ca. 850	30	
DEGALAN® M 920	ca. 122	ca. 300 000	ca. 155	ca. 2 800	20	
CDP™ Products						
DEGALAN® PQ 611 N	ca. 31	ca. 120 000	ca. 38		40	
DEGALAN® P24 N**	ca. 43	ca. 150 000	ca. 55	ca. 470	40	
DEGALAN® PM 381 N	ca. 57	ca. 65 000	ca. 29	ca. 230	40	ca. 7
DEGALAN® 64/12 N**	ca. 58	ca. 68 000	ca. 30	ca. 180	40	ca. 7.5
DEGALAN® P 28 N	ca. 61	ca. 110 000	ca. 40	ca. 175	40	
DEGALAN® PM 602**	ca. 62	ca. 64 000	ca. 32	ca. 200	40	ca. 6
DEGALAN® 66/02 N**	ca. 75	ca. 60 000	ca. 31	ca. 370	40	
Granulated Bulk Polymers						
DEGALAN® M 912	ca. 122	ca. 180 000	ca. 54	ca. 800	30	
Spray-Dried Emulsion Polymers						
DEGALAN® M 820	ca. 91	ca. 800 000	ca. 225	ca. 610	15	
DEGALAN® M 726	ca. 106	not measurable	not measurable	not measurable		
DEGALAN® M 914	ca. 124	ca. 300 000	ca. 145	ca. 6 000	20	

MEK methyl ethyl keton

*A = alcohols, Ar = aromatics, P = petroleum spirit, E = esters, G = glycol ether (ester), K = ketones, PA = pure aliphatics

** These products are only available in Asia-Pacific.

Solubility*	Aerosol Paints	Anti-Blocking Agent	Alkyd Resin Additive	Ceramic Transfer Lacquers	Marine and Container Coatings	Impregnations and Penetrating Primers	Interior Paints	Masonry Paints, Concrete Coating	Plastic Coatings	Printing Inks	Protective Coatings for Metal	PVC Finishes	Roadmarking Paints
Ar, E, G, K				■						■			
Ar, E, G, K				■									
Ar, P, E, G, K	□					■	□	■					■
Ar, E, G, K									□	□		■	
Ar, E, G, K						□					■		
Ar, E, G, K						■		□					■
Ar, E, G, K								□	□	□	■		
Ar, E, G, K	■			■	■	■		■	□	□	□		■
Ar, P, E, G, K	■			□				■		□			
Ar, E, G, K	□								■	■			
Ar, P, E, G, K									■	■		□	
Ar, E, G, K									■	□		□	
Ar, E, G, K									■	□			
Ar, E, G, K									■	□		■	
Ar, E, G, K									■	□			
Ar, E, G, K									■	■		□	
Ar, E, K									■	□		■	
Ar, E, K									■	□		■	
Ar, E, K									■			■	
E, G, K									□			■	
Ar, E, G, K				□		■	■						
Ar, E, G, K				■						■			
Ar, E, G, K	■					■		■	□	■			
Ar, E, G, K					■			■					■
A, Ar, P, E, G, K			■							■	□		
Ar, E, G, K					■					□			
Ar, E, G, K									■	■		□	
Ar, E, G, K									□	□		■	
Ar, E, G, K									□			■	
E, G, K									□			■	
Ar, E, G, K													
Ar, E, G, K													
not measurable		■											
E, G, K									□				

□ = suitable for the application

■ = highly suitable for the application

DEGALAN[®] Acrylic resins in solution

Physical Form	Solvent	Solid Content in MEK [%]	Flash Point according to DIN EN ISO 13736 [°C]	Glass transition temperatur (Tg) according to DIN EN ISO 11357-1 [°C]	Molecular Weight (Mw) according to DIN 55672-1 [g/mol]
Solution Polymers					
DEGALAN [®] P 627	KRISTALLÖL 30	ca. 50	ca. 35	ca. 18	ca. 50 000
DEGALAN [®] PM 559	SOLVESSO 100	ca. 45	ca. 39	ca. 24	ca. 80 000
DEGALAN [®] PM 560	SHELLSOL A	ca. 45	ca. 47	ca. 24	ca. 80 000
DEGALAN [®] P 550	Special Benzine (100–125° C)	ca. 40	ca. -5	ca. 25	ca. 65 000
DEGALAN [®] 4792 L	Methyl ethyl ketone	ca. 55	ca. -4	ca. 48	ca. 80 000
DEGALAN [®] 4793 L	Ethyl acetate	ca. 55	ca. -4	ca. 48	ca. 80 000
DEGALAN [®] PM 709	Xylene	ca. 40	ca. 23	ca. 49	ca. 60 000
DEGALAN [®] MV 692	Ethyl acetate/Methyl ethyl ketone = 1/1	ca. 46	ca. -7	ca. 59	ca. 90 000
DEGALAN [®] 4800 L	Ethyl acetate	ca. 44	ca. -4	ca. 62	ca. 100 000
DEGALAN [®] M 793	Toluene	ca. 40	ca. 7	ca. 80	ca. 110 000
DEGALAN [®] DV 657	Xylene/Butanol = 58/42	ca. 50	ca. 22		ca. 20 000

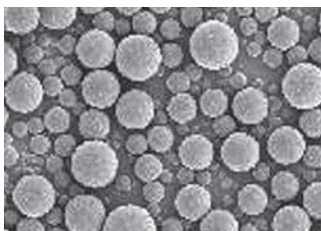
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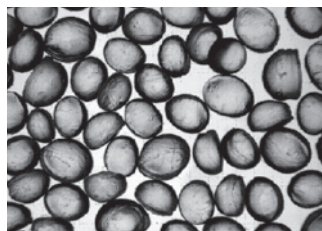
Viscosity Number according to DIN EN ISO 1628-1 [cm ² /g]	Dynamic Viscosity according to DIN EN ISO 3219 [mPa·s]	Dilutability*	Ceramic Transfer Lacquers	Marine and Container Coatings	Masonry Paints	Plastic Coatings	Printing Inks	Protective Coatings for Metal	PVC Finishes	Stoving Coatings	Wood Coatings	Zinc Coatings
ca. 25	ca. 3 500	Ar, B, E, G, K			□			□				□
ca. 40	ca. 2 000	Ar, E, G, K			□			■			□	■
ca. 40	ca. 1 800	Ar, E, G, K			■			■			□	□
ca. 35	ca. 4 000	Ar, B, E, G, K	■									
ca. 40	ca. 2 000	Ar, E, G, K					□					
ca. 40	ca. 3 800	Ar, E, G, K					■					
ca. 30	ca. 350	Ar, E, G, K		■	■	□		■			□	□
ca. 38	ca. 4 000	Ar, E, K				□			■			
ca. 38	ca. 4 000	Ar, E, K							■			
ca. 45	ca. 15 000	Ar, E, G, K				■	□		■			
ca. 15	ca. 750	Ar, E, G								■		

□ = suitable for the application

■ = highly suitable for the application



Bead polymers



Granulated bulk polymers (CDP™)

Granulated bulk polymers



Spray-dried emulsion polymers



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Evonik. Power to create.