

Hardener Powder

Standard hardener for 2-component, reactive DEGAROUTE® and DEGADUR® resin systems

Typical properties

Property	Value	Unit	Method
Form supplied	White, free-flowing powder		
Odor	Virtually no odor		
Bulk density	0.64	g/cm ³	
Active oxygen content	3.2 - 3.5	% by wt.	
Di-benzoyl-peroxide 50 % in phthalate			

General remarks

Accelerator	Is included in mostly DEGADUR® and DEGAROUTE® resins.		
Decomposition temperature	SADT approx. 60 °C (heat accumulation to BAM = Bundesanstalt für Materialprüfung, Germany).		
Safety advice	Hardener powder may not be brought into direct contact with accelerators, spontaneous decomposition is possible. See safety data sheet.		
Shelf life	6 months in original, unopened containers / from date of delivery		
Storage	Store at ≤ 25 °C. Protect against direct sunlight and humidity.		
Packaging	Carton with PE-inliner, 25 kg net		
Notes	Only following hardener (Di-benzoyl-peroxide) types from other manufacturers are usable: Benox BP-50-FT (Unided Initiators) Perkadox GB-50X (Nouryon Polymer Chemistry) PEROXAN BP-Pulver 50 W (Pergan GmbH) NOVIPER BP50 (Novichem)		

DEGADUR® Hardener Powder

Hardener quantity for DEGADUR® resins with regard to temperature

	5 - 10 °C	10 - 15 °C	15 - 20 °C	20 - 25 °C	25 - 30 °C	>30 °C
	[%]	[%]	[%]	[%]	[%]	[%]
DEGADUR® B 71	6	5	4	3	2.5	2
DEGADUR® 111	2	1.5	1.2	1	0.7	0.7
DEGADUR® 112	5	4	3	2	1.5	1
DEGADUR® 115	6	4	3.5	3	2.5	2
DEGADUR® 117	5	4	3	2	2	1
DEGADUR® 151	4	3	2.5	2	2	1.5
DEGADUR® 332	5	4	3	2	2	1
DEGADUR® 418	4.5	3	2.5	2	2	1
DEGADUR® 419	4.5	3	2.5	2	2	1
DEGADUR® 420	4.0	2.5	2	1	1	1
DEGADUR® 430	5	4	3	2	2	1
DEGADUR® 510	6	4	3	2.4	2.4	1.2
DEGADUR® 163	2.5	2	2	1.5	1	
DEGADUR® 165	1.8	1.5	1	0.8	0.8	0.8
DEGADUR® 526	1.5	1.5	1.5	1	1	1
DEGADUR® 527	2	1.5	1.5	1.5	1	1
DEGADUR® 529	3.5	2.5	2	1.5	1.5	1
DEGADUR® 530	3.5	2.5	2	1.5	1.5	1

1. Peroxide quantity calculated on used resin. Temperature statements refer to resin-, floor- and air-temperature.
2. Quantity calculated on DEGADUR® 111 incorporating DEGADUR® F 111.

Note: All values are derived from laboratory tests. Deviations caused by environmental actors might occur.

Typical properties are approximate reference values. If you need product specifications please contact us.

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Product Information
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