

Product Range

VESTANAT®



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VESTANAT®

Product	Physical form	Chemical characteristics	Reactivity min. curing temp.
VESTANAT® Diisocyanate monomers			
VESTANAT® IPDI	liquid (purity: 99.5% min.)	NCO content: 37.8%	
VESTANAT® TMDI	liquid (purity: 99.5% min.)	NCO content: 40.0%	
VESTANAT® H ₁₂ MDI	liquid (purity: 99.5% min.)	NCO content: 32.0%	

VESTANAT® T Polyisocyanates; IPDI-isocyanurate

VESTANAT® T 1890 E	70% in butylacetate	NCO content: 12.0%	
VESTANAT® T 1890 L	70% in BuAc/Solvesso 100 (1:2)	NCO content: 12.0%	
VESTANAT® T 1890 M	70% in K30/Shellsol A (3:1)	NCO content: 12.0%	
VESTANAT® T 1890 SV	70% in Solvesso 100	NCO content: 12.0%	
VESTANAT® T 1890/100	100% (pellets)	NCO content: 17.3%	

VESTANAT® HB Polyisocyanates; HDI-biuret

VESTANAT® HB 2640 E	75% in butylacetate	NCO content: 16.5%	
VESTANAT® HB 2640 MX	75% in MOP-Acetate/Xylene (1:1)	NCO content: 16.5%	
VESTANAT® HB 2640/100	100% (liquid)	NCO content: 22.0%	
VESTANAT® HB 2640 LV	100%, low viscosity (liquid)	NCO content: 23.0%	

VESTANAT® HT Polyisocyanates; HDI-isocyanurate

VESTANAT® HT 2500 E	90% in butylacetate	NCO content: 19.6%	
VESTANAT® HT 2500 L	90% in BuAc/Solvesso 100 (1:1)	NCO content: 19.6%	
VESTANAT® HT 2500/100	100% (liquid)	NCO content: 21.8%	
VESTANAT® HT 2500 LV	100%, low viscosity (liquid)	NCO content: 23.0%	

VESTANAT® B Blocked polyisocyanates for liquid applications

VESTANAT® EP-B 1042 E *	65% in butylacetate	NCO equivalent: approx. 630 g/eq.	110°C
VESTANAT® B 1358 A	63% in Solvesso 100	NCO content (blocked): 8.0%	130°C
VESTANAT® B 1358/100	100% (flakes)	NCO content (blocked): 12.5%	130°C
VESTANAT® B 1370	60% in BuAc/Xylene (3:5)	NCO content (blocked): 8.0%	130°C
VESTANAT® EP-B 1186 A *	60% in Solvesso 100	NCO content (blocked): 7.1%	150°C
VESTANAT® EP-B 1481 ND*	65% in Solvesso 150	NCO content (blocked): 8.5%	160°C

VESTANAT® DS Blocked polyisocyanates for waterborne PUR systems

VESTANAT® EP-DS 1205 *	42% in water	NCO content (blocked): 4.6%	140°C
VESTANAT® EP-DS 1076 *	35% in water	NCO content (blocked): 3.0%	140°C

Others

VESTAMIN® A 139	liquid (100%)	Blocked diamine, activation by moisture Amine value: 400 mg KOH/g	
VESTAMIN® A 95	50% in water	Aqueous solution of a sodium salt of an amino functional sulfonic acid Amine value: 260 mg KOH/ g	
Oxyester T 1136	liquid (100%)	Polyester diol (linear) MW approx. 1000 OH value: 107 mg KOH/g	

Applications, properties

Cycloaliphatic diisocyanate for manufacture of light-stable PUR elastomers and PUR resins

Aliphatic diisocyanate for manufacture of highly flexible light-stable PUR resins

Cycloaliphatic diisocyanate for manufacture of light-stable PUR elastomers and PUR resins

Cycloaliphatic polyisocyanates for light-stable and weather-resistant 2 K PUR systems; high compatibility, outstanding physical drying

Aliphatic polyisocyanates, used as crosslinkers for weather-resistant and light-stable PUR systems

Aliphatic polyisocyanates, used as crosslinkers for weather-resistant and light-stable PUR systems

Blocked polyisocyanate for heat-curing 1K PUR coatings; high reactivity, excellent light stability and weather resistance

Oxime-blocked polyisocyanate for heat-curing 1K PUR systems (solventborne); excellent light stability and weather resistance

Oxime-blocked polyisocyanate for heat-curing 1K PUR systems (solvent and water-borne); crosslinking of functionalized thermoplastics

Oxime-blocked polyisocyanate for heat-curing 1K PUR systems (solventborne); excellent light stability and weather resistance

ϵ -caprolactam-blocked polyisocyanate, low yellowing even at high curing temperatures

ϵ -caprolactam-blocked polyisocyanate, flexible; for coil coating

Cosolvent-free, anionic, aqueous dispersion of a blocked crosslinker for light-stable PUR systems

Cosolvent-free, cationic, aqueous dispersion of a blocked crosslinker for light-stable PUR systems

Blocked diamine ; accelerator for moisture curing PUR systems

Emulsifier for the production of PUR dispersions, hydrophilic chain extender for PUR dispersions

Linear polyester; flexibilizing polyol for PUR coatings (1K and 2K), solvent-free, light-stable and weather-resistant; 2 K PUR elastomers; backbone for PUR modified resins, T_g approx. -60°C , good hydrolytic stability

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