

Technical Data Sheet

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 Page : 1 of 1

POLURENE T 70

Type of Polymer:	Aliphatic isocyanurate	
Range of use:	POLURENE T 70 is used to formulate non yellowing hardener 2K PU system	
Specifications:	POLURENE T 70	
	% NV	68.0 – 72.0
	% NCO	11.8 – 12.2
	% of free monomer	< 0.5
	Viscosity (23°C mPa*s)	500-1200
	Gardner viscosity (25°C)	N - V
	Max Color Gardner	3
Other data:	POLURENE T 70	
	Solvent	Butyl acetate
	Type of isocyanate	IPDI
	Equivalent weight	350
	Max Color Hazen	80
Properties and application:	<p>POLURENE T 70 can be used as hardener with saturated polyester and alkyd resins of our REXIN range as well as hydroxylated acrylic polyols. Thanks to brightness, flexibility, and mechanical resistance POLURENE T 70 can also be used for car refinish coatings.</p> <p>POLURENE T 70 is reactive and film forming, therefore it helps to reach fast surface drying, while deep curing needs more time. In order to reduce the curing time of the systems based on POLURENE T 70, it is advisable to use metal catalyst (ad ex. DBTL, DOTL and others).</p> <p>POLURENE T 70 is used as reactive thinner in order to improve the characteristics of paints based on short and medium air drying alkyd resins.</p> <p>POLURENE T 70 can be diluted with esters and aromatic solvents up to 10-15%, without any precipitation process, whereas with aliphatic solvents like white spirit it is recommended not to dilute the product below 30% solid content.</p>	
Storage and warranty:	<p>In sealed drums we guarantee a storage life of 12 months, provided the product is stored under dry and cool condition.</p> <p>Once opened, the drums should be used in short time, because the product is sensitive to moisture that can cause the curing of the product inside the drum.</p>	

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