



S.A.P.I.C.I. Spa
 20063 Cernusco sul Naviglio (MI)
 Via Bergamo, 2
 Tel. +39 02 921871
 Fax +39 02 92141949
 www.sapici.it

TECHNICAL DATA SHEET

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POLURENE MT 100

Type of polymer:	Aliphatic isocyanurate trymer of hesametylendiisocyanate (HDI).		
Range of use:	POLURENE MT 100 is recommended for the formulation of topcoats non yellowing. Useful for coatings with high solid content and with low viscosity for metal, wood and plastics.		
Specifications: (°) DATA SHOWN ON ANALYSIS CERTIFICATE	POLURENE MT 100		
	% NV	> 99	
	% free monomer (HDI)	< 0.2	
	% NCO	22.0 ± 0.5	(°)
	Viscosity (23°C mPa*s)	2500 ± 500	
	Viscosity (Gardner)	Y – Z1	(°)
	Colour (Gardner)	1 MAX	(°)
	Equivant weight	~191	
	Aspect	Clear	
	SOLUBILITY		
	KETONES	Soluble	
	ESTERS	Soluble	
	ESTERS OF GLICOETHERS	Soluble	
	AROMATICS	Soluble	
	ALIPHATICS	Insoluble	
	It is inadvisable to use solvents containing reactive groups (alcohols, amines, etc.) as these react with POLURENE MT 100.		
	Urethane grade solvents with a 0.05% peak humidity value should be used.		



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<i>Properties and application :</i>	<p>Due to the fact that it is an aliphatic isocyanate resin, POLURENE MT 100 should be suitable, when combined together with acrylic or saturated polyester resin, to obtain non yellowing coating very stable to the light with optimum mechanical and chemical resistance.</p> <p>The chemical structure and the different production process make POLURENE MT 100 different than POLURENE M 75 obtaining properties as follows:</p> <ul style="list-style-type: none">- less free monomer- less colour- less viscosity- long pot life
<i>Storage and warranty:</i>	<p>In sealed drums we guarantee a storage life of 6 months, provided that POLURENE MT100 is stored under dry cool condition.</p> <p>Once opened the product should be used rapidly, because, like all isocyanates, it is sensible to moisture.</p>

The technical information provided in this sheet or given in oral or written form is based on our best knowledge and experience. These data, even technical and safety ones, are only suggestions, so they don't have to be considered as binding. The customer must test our products, technical assistance and information, to define to its satisfaction whether they are suitable for the intended use and application. The use, manufacture and the application conditions of our products are carried out beyond our control so they are under customer's responsibility. Sapici SpA guarantees the constant quality of the product, sales and delivery conditions.