

Generic PUR-Ester

Polyurethane (Polyester based)

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PUR-Ester
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05 to 1.07	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (23°C)	78 to 84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	39.3 to 77.3	MPa	ASTM D638
Films	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	33.8 to 50.0	MPa	ISO 527-3
Tensile Elongation (Break, 23°C)	400 to 570	%	ISO 527-3
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 23°C)	0.981 to 20.7	MPa	ASTM D412
Tensile Strength			ASTM D412
Yield, 23°C	9.56 to 10.7	MPa	
23°C	30.0 to 53.9	MPa	
Tensile Elongation (Break, 23°C)	500 to 800	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-46.5 to -27.0	°C	ASTM E1356
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity	50.0 to 238	cP	ASTM D2393
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity	0.500 to 80.0	Pa·s	ASTM D3835

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT