

ResMart Ultra TPU 85A Ether

Thermoplastic Polyurethane Elastomer (Polyether)

ResMart

Message:

Polyether based TPU Shore 85A for injection molding or extrusion applications

General Information			
Agency Ratings	FDA not rated		
	ISO 10993		
RoHS Compliance	RoHS compliance		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	25.9	MPa	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	500	%	ASTM D412
Tear Strength	80.0	kN/m	ASTM D624
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	107	°C	
Drying Time - Desiccant Dryer	6.0	hr	
Suggested Max Moisture	0.010	%	
Processing (Melt) Temp	179 - 193	°C	
Injection instructions			
Dew Point: 0°F			

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

