

ResMart Ultra TPU 70A ES

Thermoplastic Polyurethane Elastomer (Polyester)

ResMart

Message:

Polyester based TPU Shore 70A hardness for injection molding or extrusion applications

General Information			
Agency Ratings	FDA Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Processing Method	Extrusion		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	29.6	MPa	ASTM D638

Elastomers	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	700	%	ASTM D412
Tear Strength	75.0	kN/m	ASTM D624

Flammability	Nominal Value	Test Method
Flame Rating	HB	UL 94

Injection	Nominal Value	Unit
Drying Temperature - Desiccant Dryer	82.2 to 104	°C
Drying Time - Desiccant Dryer	2.0 to 4.0	hr
Suggested Max Moisture	0.010	%
Processing (Melt) Temp	191 to 210	°C

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