

DIOSHY® TPU E990M

Thermoplastic Polyurethane Elastomer (Polyether)

DIOSHY Co.,Ltd.

Message:

DIOSHY® TPU E990M is a Thermoplastic Polyurethane Elastomer (Polyether) (TPU-Polyether) material. It is available in Asia Pacific.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	JIS K7311
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	90		JIS K7311
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance	35.0	mg	JIS K7311
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	9.81	MPa	JIS K7311
Tensile Strength	43.1	MPa	JIS K7311
Tensile Elongation (Break)	600	%	JIS K7311
Compression Set (70°C, 22 hr)	32	%	JIS K6301
Rebound Resilience (70°C)	45	%	JIS K7311
Tear Strength	13.7	MPa	JIS K7311
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-43.0	°C	DSC
Vicat Softening Temperature	118	°C	JIS K7206

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