

DIOSHY® TPU E998M

Thermoplastic Polyurethane Elastomer (Polyether)

DIOSHY Co.,Ltd.

Message:

DIOSHY® TPU E998M is a Thermoplastic Polyurethane Elastomer (Polyether) (TPU-Polyether) material. It is available in Asia Pacific.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	JIS K7311
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			JIS K7311
Shore A	98		
Shore D	53		
Mechanical	Nominal Value	Unit	Test Method
Taber Abrasion Resistance	60.0	mg	JIS K7311
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	16.7	MPa	JIS K7311
Tensile Strength	45.1	MPa	JIS K7311
Tensile Elongation (Break)	550	%	JIS K7311
Compression Set (70°C, 22 hr)	35	%	JIS K6301
Rebound Resilience (70°C)	38	%	JIS K7311
Tear Strength	16.7	MPa	JIS K7311
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-39.0	°C	DSC
Vicat Softening Temperature	125	°C	JIS K7206

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