

Thermoplastic Elastomer Engineering Plastics



TPE Styrenic Rubber

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General

- Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.15 g/cm³	1.15 g/cm³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	479 psi	3.30 MPa	ISO 527-2/500
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ¹	130 lbf/in	23 kN/m	ISO 34-1
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness (Shore A, 15 sec)	57	57	ISO 868
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (392°F (200°C), 243 sec^-1)	172 Pa·s	172 Pa·s	ASTM D3835

Notes

¹ 20 in/min (500 mm/min)

Notes

These are typical property values not to be construed as specification limits.

