Edgetek™ ET0200-0055 Pewter

Thermoplastic Elastomer

Key Characteristics

General	
Material Status	• Commercial: Active
Regional Availability	• North America
Forms	• Pellets
Processing Method	• Injection Molding

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.17	1.17	ASTM D792
Melt Mass-Flow Rate (MFR)	18 g/10 min	18 g/10 min	ASTM D1238
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength - Flow [2]			ASTM D412
73°F (23°C), 0.125 in (3.18 mm)	2390 psi	16.5 MPa	
Tensile Elongation - Flow [2]			ASTM D412
Break, 73°F (23°C), 0.125 in (3.18 mm)	590 %	590 %	
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Durometer Hardness			ASTM D2240
Shore D, 0.125 in (3.18 mm)	37	37	
Shore D, 10 sec, 0.125 in (3.18 mm)	34	34	
Thermal	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Vicat Softening Temperature	211 °F	99.6 °C	ASTM D1525 [3]

Notes

[1] Typical values are not to be construed as specifications.

[2] 20 in/min (510 mm/min)

[3] Rate A (50°C/h)

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