Bergaflex™ BFI AS K 60A-3E539 SO

Thermoplastic Elastomer

Key Characteristics

Product Description
Bergaflex thermoplastic elastomer compounds are based on hydrogenated styrenic block copolymers. This range of compounds are formulated to deliver a great cost/performance ratio in addition to typical Bergaflex properties such as a wide hardness range, good mechanical properties, good processability, good colourability and a wide temperature operating range. BFI AS K 60A-3E539 SO is bonding on PA.

General			
Material Status	• Commercial: Active		
Regional Availability	• Europe		
Features	• Antistatic	• General Purpose	
Uses	• Appliances • Automotive Applications	• Consumer Applications • General Purpose	• Industrial Applications
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Injection Molding		

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.15 g/cm³	1.15 g/cm³	ISO 1183
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Stress (Break)	870 psi	6.00 MPa	ISO 37
Tensile Elongation (Break)	> 500 %	> 500 %	ISO 37
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Shore Hardness (Shore A, 10 sec)	60	60	ISO 48-4

Additional Information
Properties are measured using injection molded plaques.

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Processing (Melt) Temp	392 to 500 °F	200 to 260 °C
Mold Temperature	86 to 140 °F	30 to 60 °C
Injection Rate	Fast	Fast

Injection Notes
Pre-Drying is recommended at 80°C/2h

Notes

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

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