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 [2]			ISO 868
Shore A, 10 sec, 0.236 in (6.00 mm), Injection Molded	60	60	

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.

[2] test specimen conditioned for >1h at room temperature prior testing