Bergaflex™ BFI 30A-349

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. High resistance against acid, bases and alcohols. No/limited resistance against hydrocarbons (oil etc.). High ozone and UV-resistance.

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

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	1.18 g/cm³	1.18 g/cm³	ISO 1183
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength (Break)	508 psi	3.50 MPa	DIN 53504
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Elongation (Break)	700 %	700 %	DIN 53504
Compression Set (73°F (23°C), 72 hr)	16 %	16 %	DIN 53517
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Shore Hardness (Shore A, 10 sec)	30	30	ISO 48-4

Additional Information
Properties are measured using injection molded plaques.

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Mold Temperature	86 to 122 °F	30 to 50 °C

Notes

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

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