GLS AE3 928 60D BLACK IN

Thermoplastic Elastomer

Key Characteristics

Product Description		
GLS AE3 928 60D BLACK IN is thermoplastic elastomer compounds are based on hydrogenated styrenic block copolymers. It offer excellent mechanical properties. For specific and detailed information or confirmations please contact us directly.		
General		
Material Status	• Commercial: Active	
Regional Availability	• Asia Pacific	• Europe
Features	• Good Processability	
Uses	• Appliances • Consumer Applications	• Flexible Grips • Soft Touch Applications
Appearance	• Black	
Forms	• Pellets	
Processing Method	• Injection Molding	

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	0.910	0.910	ASTM D792
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength [2, 3] (Break)	5370 psi	37.0 MPa	ASTM D412
Tensile Elongation [2, 3] (Break)	800 %	800 %	ASTM D412
Tear Strength	771 lbf/in	135 kN/m	ISO 34-1
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Durometer Hardness (Shore D, 10 sec)	60	60	ASTM D2240
Additional Information	**Typical Value (English)**	**Typical Value (SI)**	
Generic Material Type	Thermoplastic Elastomer	Thermoplastic Elastomer	

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Rear Temperature	347 to 356 °F	175 to 180 °C
Middle Temperature	356 to 365 °F	180 to 185 °C
Front Temperature	365 to 374 °F	185 to 190 °C
Nozzle Temperature	374 to 383 °F	190 to 195 °C
Processing (Melt) Temp	374 to 383 °F	190 to 195 °C

Notes

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

[2] Die C

[3] 2 hr

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