TECHNO ABS DN5534

Acrylonitrile Butadiene Styrene

Techno Polymer America, Inc.

Message:

Super high heat resistance comparable to PC/ABS or POM resins, thus meeting automotive interior specifications
No creaking noise without grease
Low specific gravity to reduce the weight of parts
Superior moldability to enable greater design flexibility and reduced scrap
A better replacement for POM used in the automotive interior parts

Features Good Moldability High Heat Resistance Low Friction Low Gloss Uses Automotive Interior Parts Forms Pellets Processing Method Injection Molding Physical Nominal Value Unit Melt Mass-Flow Rate (MFR) (240°C/10.0 kg) 7.0 g/10 min Hardness Nominal Value Unit Rockwell Hardness (R-Scale) 105 Mechanical Nominal Value Unit Tensile Stress (Yield) 47.0 MPa Flexural Modulus 2260 MPa Flexural Stress 71.0 MPa	
Low Friction Low Gloss Uses Automotive Interior Parts Forms Pellets Processing Method Injection Molding Physical Nominal Value Unit Melt Mass-Flow Rate (MFR) (240°C/10.0 kg) 7.0 g/10 min Hardness Nominal Value Unit Rockwell Hardness (R-Scale) 105 Mechanical Nominal Value Unit Tensile Stress (Yield) 47.0 MPa Flexural Modulus 2260 MPa	
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Rockwell Hardness (R-Scale) Mechanical Nominal Value Unit Tensile Stress (Yield) 47.0 MPa Flexural Modulus 2260 MPa	ISO 1133
MechanicalNominal ValueUnitTensile Stress (Yield)47.0MPaFlexural Modulus2260MPa	Test Method
Tensile Stress (Yield) 47.0 MPa Flexural Modulus 2260 MPa	ISO 2039-2
Flexural Modulus 2260 MPa	Test Method
	ISO 527-2
Flevural Stress 71.0 MPa	ISO 178
71.0	ISO 178
Coefficient of Friction 0.10	Internal Method
Impact Nominal Value Unit	Test Method
Charpy Notched Impact Strength 14 kJ/m²	ISO 179
Thermal Nominal Value Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed) 89.0 °C	ISO 75-2/B
Injection Nominal Value Unit	
Drying Temperature 98.9 to 110 °C	
Drying Time 3.0 to 5.0 hr	
Rear Temperature 229 to 271 °C	
Middle Temperature 229 to 271 °C	
Front Temperature 229 to 271 °C	
Mold Temperature 100 to 160 °C	

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