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

General Information			
Features	Good Moldability		
	High Heat Resistance		
	Low Friction		
	Low Gloss		
Uses	Automotive Interior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	7.0	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	105		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	47.0	MPa	ISO 527-2
Flexural Modulus	2260	MPa	ISO 178
Flexural Stress	71.0	MPa	ISO 178
Coefficient of Friction	0.10		Internal Method
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	14	kJ/m^2	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	

Recommended distributors for this material

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