

TECHNO MUH E7301

Acrylonitrile Butadiene Styrene

Techno Polymer Co, Ltd.

Message:

- Super high heat resistance comparable to PC/ABS resins, thus meeting automotive interior specifications
- Low specific gravity to reduce the weight of parts
- Superior mold-ability to enable greater design flexibility and reduced scrap
- Excellent chemical resistance against chemicals used in detergents, fragrances, and wax for fewer crack problems than in the case of PC/ABS
- A better material than PC/ABS for interior automobile applications that require a higher aesthetic appearance

General Information			
Features	Good formability		
	Good chemical resistance		
	Heat resistance, high		
Uses	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	50.0	MPa	ISO 527-2
Flexural Modulus	2330	MPa	ISO 178
Flexural Stress	77.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	11	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Drying Temperature	98.9 - 110	°C	
Drying Time	3.0 - 5.0	hr	
Rear Temperature	229 - 271	°C	
Middle Temperature	229 - 271	°C	
Front Temperature	229 - 271	°C	
Mold Temperature	37.8 - 71.1	°C	

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Recommended distributors for this material

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