Advanced Composites ATX639MX2N

Polypropylene

Advanced Composites, Inc.

Message:

Advanced Composites ATX639MX2N is a polypropylene product. It is available in North America. Typical application areas are: automotive industry.
Features include:
Impact resistance
scratch resistance

General Information			
Features	Impact resistance, high Scratch resistance		
Uses	Car interior equipment		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.06	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	63		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	23.0	MPa	ISO 527-2
Flexural Modulus	1690	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ISO 180/A
-40°C	7.7	kJ/m²	ISO 180/A
23°C	30	kJ/m²	ISO 180/A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	106	°C	ISO 75-2/B
1.8 MPa, not annealed	53.4	°C	ISO 75-2/A
Additional Information			
Instrumented Impact, ASTM D3763, 6.7 m/s, 0°C: 27/30 # Ductile			
Injection	**Nominal Value**	**Unit**	
Drying Temperature	100	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	193	°C	
Middle Temperature	210 - 216	°C	
Front Temperature	216	°C	
Nozzle Temperature	210	°C	
Processing (Melt) Temp	199 - 249	°C	

Mold Temperature	48.9 - 60.0	°C
Injection Rate	Slow-Moderate	
Cushion	6.35 - 12.7	mm

Injection instructions
Injection Pressure: 50 to 60% of machine capacityScrew RPM: 1 to 2 secs before mold open

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China