

Star Plastics PC/ABSQX7002 Molding Grade PC/ABS High Flow

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

Information provided by Star Plastics, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Star-Plastics-PCABSQX7002-Molding-Grade-PCABS-High-Flow.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792
Maximum Moisture Content	0.020	0.020	
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955
Melt Flow	20 g/10 min @Load 5.00 kg, Temperature 260 Â°C	20 g/10 min @Load 11.0 lb, Temperature 500 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.1 MPa	9000 psi	ASTM D638
Tensile Modulus	2.34 GPa	340 ksi	ASTM D638
Flexural Yield Strength	96.5 MPa	14000 psi	ASTM D790
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	5.87 J/cm	11.0 ft-lb/in	73Â°F, 0.125 in.; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	113 Â°C	235 Â°F	unannealed, .125in; ASTM D648

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	232 - 274 Â°C	450 - 525 Â°F	
Middle Barrel Temperature	246 - 288 Â°C	475 - 550 Â°F	
Front Barrel Temperature	246 - 288 Â°C	475 - 550 Â°F	
Nozzle Temperature	246 - 288 Â°C	475 - 550 Â°F	
Melt Temperature	246 - 288 Â°C	475 - 550 Â°F	
Mold Temperature	57.2 - 85.0 Â°C	135 - 185 Â°F	

Processing Properties	Metric	English	Comments
Dry Time	3 - 4 hour	3 - 4 hour	
Back Pressure	0.138 - 0.689 MPa	20.0 - 100 psi	
Screw Speed	25 - 75 rpm	25 - 75 rpm	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China