

Solvay Specialty Polymers Ixef® 1022 Polyarylamide (PARA), 50% Glass Fiber (Conditioned)

Category : Polymer , Thermoplastic , PVDC , Polyvinyl Dichloride (PVDC)

Material Notes:

Ixef® 1022 is a 50% glass-fiber reinforced, general purpose polyarylamide compound that exhibits very high strength and rigidity, outstanding surface gloss, and excellent creep resistance. Features: General Purpose; Good Chemical Resistance; Good Creep Resistance; Good Dimensional Stability; Good Sterilizability; High Flow; High Strength; Low Moisture Absorption; Outstanding Surface Finish; Ultra High Stiffness Uses: Appliances; Automotive Applications; Automotive Interior Parts; Cell Phones; Electrical Parts; Furniture; High Gloss Applications; Hospital Goods; Medical Devices; Sporting Goods; Surgical Instruments Injection Molding Notes: Ixef® compounds are shipped in moisture-resistant packages at moisture levels according to specifications. Sealed, undamaged bags should be preferably stored in a dry room at a maximum temperature of 50°C (122°F) and should be protected from possible damage. If only a portion of a package is used, the remaining material should be transferred into a sealable container. It is recommended that Ixef® resins be dried prior to molding. Automotive Specifications ASTM D6779 PA11 1G50; BMW GS 93016; BOSCH N28 BN05-OX1 Color: 0008 Natural; BOSCH N28 BN05-OX1 Color: 9008 Black; GM GM7001M PAMXD6(A4,A22,A64,BA651,G30,MS1700,NS335) Color: 9008 Black; GM GM7001M PAMXD6(A4,A22,A64,BA751,G30,MS1700,NS350) Color: NT Natural Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Ixef-1022-Polyarylamide-PARA-50-Glass-Fiber-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.64 g/cc	0.0592 lb/in ³	Dry; ISO 1183
Filler Content	50 %	50 %	Glass Fiber

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	260 MPa	37700 psi	ISO 527-2
Elongation at Break	2.2 %	2.2 %	ISO 527-2
Tensile Modulus	20.0 GPa	2900 ksi	ISO 527-2

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	250 - 260 °C	482 - 500 °F	
Front Barrel Temperature	260 - 290 °C	500 - 554 °F	
Nozzle Temperature	260 - 290 °C	500 - 554 °F	
Melt Temperature	280 °C	536 °F	
Mold Temperature	120 - 140 °C	248 - 284 °F	
	120 °C	248 °F	

Driving Temperature Processing Properties	@Time 1800 - 5400 sec Metric	@Time 0.500 - 1.50 English	Comments
----------------------------------------------	---------------------------------	-------------------------------	----------

Descriptive Properties	Value	Comments
Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	Latin America	
	North America	
Color	Black; Colors; Natural	
Form	Pellets	
Injection Rate	Fast	
Processing Technique	Injection Molding	
RoHS Compliance	RoHS Compliant	
UL File Number	E95746 (Global)	

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