Piolen® P G20CA67

Polypropylene Copolymer

PiO Kunststoffe GmbH & Co KG

Message:

Piolen® P G20CA67 is a Polypropylene Copolymer (PP Copolymer) product filled with 20% glass fiber. It can be processed by injection molding and is available in Europe. Applications of Piolen® P G20CA67 include automotive, coating applications and furniture.
Characteristics include:
Flame Rated
Chemically Coupled
Copolymer
Impact Resistant
Rigid

General Information	
Filler / Reinforcement	Glass Fiber,20% Filler by Weight
Features	Chemically Coupled
	Copolymer
	Good Flow
	High Impact Resistance
	Medium Rigidity
Uses	Automotive Applications
	Furniture
	Protective Coverings
Appearance	Natural Color
Forms	Pellets
Processing Method	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5	g/10 min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	57.0	MPa	
Break	56.0	MPa	
Tensile Strain (Break)	5.1	%	ISO 527-2
Flexural Modulus	3480	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	11	kJ/m²	
23°C	16	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU

-40°C	49	kJ/m²	
23°C	42	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Peak Crystallization Temperature (DSC)	160 to 170	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.