

Gecomblend 5000 FR V0

Polycarbonate + ABS
geba Kunststoffcompounds GmbH

Message:

High flow, flame retardant PC/ABS type, flammability V-0 (1,5 mm)
Applications:
technical injection molded parts for various sectors (Automotive, Electrical, Electronic, Mechanical)

General Information			
Features	Flame Retardant		
	High Flow		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (240°C/5.0 kg)	35.0	cm ³ /10min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ISO 527-2/1/1
Tensile Stress (Yield)	50.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.5	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	97.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 90.0	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	220 to 240	°C	
Middle Temperature	225 to 235	°C	
Front Temperature	235 to 245	°C	
Nozzle Temperature	235 to 245	°C	
Processing (Melt) Temp	220 to 240	°C	
Mold Temperature	60.0 to 80.0	°C	

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Recommended distributors for this material

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