MAJORIS BG150 - 8229

Polypropylene

AD majoris

Message:

BG150 - 8229 is a 15% chemically coupled glass fibre reinforced polypropylene compound intended for injection moulding. The product is available in black, but other colours can be provided on request. BG150 - 8229 has been developed especially for demanding applications in automotive industry. BG150 - 8229 has high rigidity and impact strength, very good long term heat resistancy, good dimensional stability and good creep resistancy also at high temperatures. APPLICATIONS Product requiring very high overall mechanical performance such as: Air filter cases Lamp housing Fans and shrouds Miscellaneous technical items Can suitably be made from BG150 - 8229.

Filler / Reinforcement Glass fiber reinforced material, 15% filler by weight Features Good dimensional stability Rigidity, high Chemical coupling Impact resistance, high Recyclable materials Good creep resistance Heat resistance, high Impact resistance Recyclable materials Uses Filter Application in Automobile Field Shell Impact resistance Heat resistance, high Appearance Black Available colors Impact resistance Forms Impact resistance Particle Processing Method Injection molding Impact resistance Protessing Method Impact resistance Rest Rest Rest Rest Rest Rest Rest Rest	General Information				
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тепsile strailt (break) 4.0 % ISU 527-2/50	Tensile Strain (Break)	4.0	%	ISO 527-2/50	
Flexural Modulus 3800 MPa ISO 178	Flexural Modulus	3800	MPa	ISO 178	

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	30	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	140	°C	ISO 75-2/B
1.8 MPa, not annealed	130	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	НВ		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 - 260	°C	
Mold Temperature	30.0 - 60.0	°C	
Injection Rate	Slow-Moderate		
Injection instructions			

Holding pressure: 50 to 70% of the injection pressure

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