

MAJORIS FT267 - 7758

Polypropylene

AD majoris

Message:

FT267 - 7758 is a coloured, 25% mineral filled polypropylene compound intended for injection moulding.

FT267 - 7758 has been developed especially for exterior parts.

FT267 - 7758 has a high flow rate, very good process ability and an excellent balance between the impact strength and stiffness as well as good surface quality.

The product is available in natural (FT267) and black (FT267 - 8229) but other colours can be provided on request.

APPLICATIONS

Noise protection in industrial applications

Household appliances

Miscellaneous electrical components

Cap of urban lighting

Automotive exterior parts

General Information			
Filler / Reinforcement	Mineral filler, 25% filler by weight		
Additive	UV stabilizer		
Features	Good UV resistance		
	Recyclable materials		
	Workability, good		
	High liquidity		
	Excellent appearance		
Uses	Lighting Applications		
	Electrical components		
	Electrical appliances		
	Sound insulation		
	Industrial application		
	Automotive exterior parts		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ISO 1133
Molding Shrinkage	0.80 - 1.1	%	
Mechanical	Nominal Value	Unit	Test Method

Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Flexural Modulus ¹	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.5	kJ/m ²	ISO 179/1eA
23°C	6.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	114	°C	ISO 75-2/B
1.8 MPa, not annealed	68.0	°C	ISO 75-2/A
Vicat Softening Temperature	149	°C	ISO 306/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			
Holding pressure: 50 to 70% of the injection pressure			
NOTE			
1.	2.0 mm/min		

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