

# MAJORIS HT167 - 7759

Polypropylene

AD majoris

## Message:

HT167 - 7759 is a mineral filled coloured polypropylene compound intended for injection moulding.

The product is available in black (HT167 - 8229) and natural (HT167) but other colours can be provided on request.

HT167 - 7759 has a easy flow very good processability, excellent surface quality and excellent long term UV-stability.

## APPLICATIONS

HT167 - 7759 is intended for components, which require good surface quality and good impact.

Electrical appliances

Household articles

Technical components

General Information			
Filler / Reinforcement	Mineral filler, 10% filler by weight		
Additive	UV stabilizer		
Features	Impact resistance, good		
	Good UV resistance		
	Recyclable materials		
	Workability, good		
	Good liquidity		
	Excellent appearance		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Household goods		
Appearance	Black		
	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	29	g/10 min	ISO 1133
Molding Shrinkage	1.1 - 1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2/1
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Flexural Modulus <sup>1</sup>	1650	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	16	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	101	°C	ISO 75-2/B
1.8 MPa, not annealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	137	°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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#### Recommended distributors for this material

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