

MAJORIS ET265 - 1770

Polypropylene

AD majoris

Message:

ET265 - 1770 is a, 20% mineral filled polypropylene compound intended for injection moulding .

The product is available in natural ET265 but other colours can be provided on request.

ET265 - 1770 has been developed especially for automotive interior parts that requiring excellent scratch resistance, good balance between the impact strength and stiffness and very good surface quality. In addition it has a good UV stability.

APPLICATIONS

Bumper reinforcement parts

Consoles

Cowl vent grilles

Door panels and pockets

Handles

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Features	Good UV resistance		
	Recyclable materials		
	Scratch resistance		
	Excellent appearance		
Uses	Handle		
	Car anti-collision bar		
	Car interior parts		
Appearance	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)	11	g/10 min	ISO 1133
Molding Shrinkage	0.90 - 1.2	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	26.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Flexural Modulus ¹	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	3.0	kJ/m ²	ISO 179/1eA

23°C	8.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	108	°C	ISO 75-2/B
1.8 MPa, not annealed	64.0	°C	ISO 75-2/A
Vicat Softening Temperature	78.0	°C	ISO 306/B
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	210 - 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.	5.0 mm/min		

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