

# MAJORIS FW195X - 1298

Polypropylene

AD majoris

## Message:

MAJORIS FW195X - 1298 is a mineral filled high performance compound intended for injection moulding.

MAJORIS FW195X - 1298 is intended for components, which require very good surface quality, rigidity, low shrinkage and high dimensional stability.

## APPLICATIONS

Electrical appliances

Household articles

Technical components

General Information			
Filler / Reinforcement	Mineral filler		
Features	Good dimensional stability		
	Rigidity, high		
	Recyclable materials		
	Low shrinkage		
	Excellent appearance		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Household goods		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2850	MPa	ISO 527-2/1
Tensile Stress (Break)	30.0	MPa	ISO 527-2/50
Flexural Modulus <sup>1</sup>	2160	MPa	ISO 178
Flexural Stress	54.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.6	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	49	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	135	°C	ISO 75-2/B
1.8 MPa, not annealed	77.0	°C	ISO 75-2/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	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.	2.0 mm/min	

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