



Moplen RP398T

Polypropylene, Random Copolymer

Product Description

Moplen RP398T is a random copolymer for injection moulding with nucleation and antistatic additivation.

Moplen RP398T offers a very good flowability and an excellent transparency and organoleptic performance.

The main application of Moplen RP398T is thin walled packaging with high transparency and high requirement in organoleptic properties.

Moplen RP398T has a superior aesthetic appearance and can be processed at significantly lower temperatures. Moplen RP398T enables energy savings and improved productivity due to reduced cycle times.

Moplen RP398T is a commercial grade.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Africa-Middle East
Processing Methods	Injection Molding
Typical Customer Applications	Clear Containers, Housewares, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.9	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	40	g/10 min
Mechanical			
Tensile Modulus	ISO 527-1, -2	1050	MPa
Tensile Stress at Yield	ISO 527-1, -2	28	MPa
Tensile Strain at Break	ISO 527-1, -2	> 400	%
Tensile Strain at Yield	ISO 527-1, -2	14	%
Impact			
Charpy notched impact strength	ISO 179		
(23 °C, Type 1, Edgewise, Notch A)		4.5	kJ/m ²
(0 °C, Type 1, Edgewise, Notch A)		2.5	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	70	°C
Vicat softening temperature A/50	ISO 306	127	°C
Vicat softening temperature B/50	ISO 306	70	°C
Optical			
Haze (1 mm)	ASTM D 1003	9	%

Notes

Typical properties; not to be construed as specifications.