

Moplen RP398V

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Moplen RP398V is a random copolymer for injection moulding with nucleation and antistatic additivation. Moplen RP398V offers a very high flowability and an excellent transparency. The main application of Moplen RP2802 is thin walled packaging with high transparency and low warpage. RP398V has a superior aesthetic appearance and can be processed at significantly lower temperatures. Moplen RP398V enables energy savings and improved productivity due to reduced cycle times.

General Information			
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Low warpage		
	Antistatic property		
	Fast molding cycle		
	High liquidity		
	Definition, high		
	Random copolymer		
Uses	Thin wall packaging		
	Household goods		
	Container		
	Sporting goods		
	Toys		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	100	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	26.0	MPa	ISO 527-2
Flexural Modulus	950	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Optical	Nominal Value	Unit	Test Method
Haze (1000 µm)	10	%	ASTM D1003

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