



Moplen EP540V

Polypropylene, Impact Copolymer

Product Description

Moplen EP540V is a polypropylene impact copolymer with very high melt flow. It is odorless and has good stiffness-impact balance. Typical applications include compounds for moulding automotive bumpers fascia, interior and exterior parts like door panels, and injection moulding of multimedia packaging like DVD cases. Other potential uses include injection moulding of general housewares and thin wall containers.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Injection Molding
Features	Impact Copolymer, High Flow , Low to No Odor, Low Warpage
Typical Customer Applications	Bumpers, Exterior Applications, Housewares, Interior Applications, Multi Media Packaging, Opaque Containers

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	110	g/10 min
Note: ASTM D1238L			
Mechanical			
Flexural Modulus	ASTM D 790	16000	kg/cm ²
Tensile Strength @ Yield	ASTM D 638	240	kg/cm ²
Tensile Elongation @ Yield	ASTM D 638	4	%
Impact			
Notched Izod Impact	ASTM D 256		
(23 °C)		5.0	kg-cm/cm
(-20 °C)		2.5	kg-cm/cm

Notes

Typical properties; not to be construed as specifications.