



## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.9	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	110	g/10 min
<i>Note: ASTM D1238L</i>			
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	16000	kg/cm <sup>2</sup>
Tensile Strength @ Yield	ASTM D 638	240	kg/cm <sup>2</sup>
Tensile Elongation @ Yield	ASTM D 638	4	%
<b>Impact</b>			
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.