



## Moplen EP548Q

### Polypropylene, Impact Copolymer

#### Product Description

Moplen EP548Q is a nucleated polypropylene impact copolymer, suitable for injection moulding applications and contains antistatic agent. This grade exhibits good stiffness with medium fluidity.

Potential applications include houseware, furniture, pails, cylindrical containers and crates.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Availability</b>	Europe, Asia-Pacific, Africa-Middle East
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Antistatic, Medium Flow, Nucleated, Good Stiffness
<b>Typical Customer Applications</b>	Crates, Furniture, Housewares, Opaque Containers

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.9	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	19	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	28	MPa
Flexural modulus	ISO 178	1450	MPa
Elongation at yield	ISO 527	5	%
<b>Impact</b>			
Charpy notched impact strength (23°C)	ISO 179	9	kJ/m <sup>2</sup>

#### Notes

Typical properties; not to be construed as specifications.