



## Moplen EP380T

### Polypropylene, Impact Copolymer

#### Product Description

Moplen EP380T is polypropylene impact copolymer. With its high flow, excellent dimensional stability, and superior balance of stiffness and impact, this grade is especially suitable for injection molding. Potential end use applications include washing machine tubs, other electrical appliance parts, automotive parts, food packaging and housewares.

#### Product Characteristics

<b>Test Method used</b>	ASTM
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Impact Copolymer, Good Dimensional Stability, High Flow, Low Temperature Impact Resistance
<b>Typical Customer Applications</b>	Housewares, Opaque Containers, Washing

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.90	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	44	g/10 min
<b>Mechanical</b>			
Flexural Modulus	ASTM D 790	1150	MPa
Tensile Strength @ Yield	ASTM D 638	24	MPa
Tensile Elongation @ Yield	ASTM D 638	6	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	62	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	90	°C