

## Technical Data Sheet

### ***Moplen EP249R***

Polypropylene, Impact Copolymer



#### Product Description

*Moplen EP249R* is a heterophasic copolymer with medium flow in injection molding. This grade is nucleated and characterized by a low temperature impact resistance.

*Moplen EP249R* is typically used by customers in crates, housewares and opaque containers.

This grade is not intended for medical and pharmaceutical applications.

<b>Application</b>	Crates; Housewares; Opaque Containers; Sports, Leisure & Toys		
<b>Market</b>	Consumer Products; Rigid Packaging		
<b>Processing Method</b>	Injection Molding		
<b>Attribute</b>	Good Flow; Impact Copolymer; Low Temperature Impact Resistance; Nucleated		

<b>Typical Properties</b>	<b>Nominal Value</b>			<b>Test Method</b>
			<b>Units</b>	
<b>Physical</b>				
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min		ISO 1133-1
Density, (23 °C)	0.90	g/cm <sup>3</sup>		ISO 1183-1
<b>Mechanical</b>				
Tensile Modulus	950	MPa		ISO 527-1, -2
<b>Impact</b>				
Charpy Impact Strength - Notched (23 °C, Type 1, Edgewise, Notch A)	20	kJ/m <sup>2</sup>		ISO 179
(0 °C, Type 1, Edgewise, Notch A)	10	kJ/m <sup>2</sup>		ISO 179
(-20 °C, Type 1, Edgewise, Notch A)	8	kJ/m <sup>2</sup>		ISO 179