



## Moplen EP332K

### Polypropylene, Impact Copolymer

#### Product Description

Moplen EP332K is a polypropylene impact copolymer. This grade is known for having an optimized balance of stiffness and toughness with good thermal ageing stability. Potential applications include injection molding of appliances housings, toys, crates and general housewares.

#### 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 Method</b>	Injection Molding
<b>Features</b>	Impact Copolymer, Good Heat Aging Resistance , Good Impact Resistance , Good Toughness, High Stiffness
<b>Typical Customer Applications</b>	Crates, Sports, Leisure and Toys, Housewares, Small Appliances, 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	5 g/10 min
<i>Note: ASTM D1238L</i>		
<b>Mechanical</b>		
Tensile Strength @ Yield	ASTM D 638	250 kg/cm <sup>2</sup>
Flexural Modulus	ASTM D 790	11500 kg/cm <sup>2</sup>
Tensile Elongation @ Yld	ASTM D 638	9 %
<b>Impact</b>		
Notched izod impact (23 °C)	ASTM D 256	15 kg-cm/cm
<b>Thermal</b>		
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	88 °C

#### Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
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Users should review the applicable Material Safety Data Sheet before handling the product.

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