

## Technical Data Sheet

### Moplen EP332C



Polypropylene, Impact Copolymer

#### Product Description

Moplen EP332C is a polypropylene impact Copolymer with high impact, high stiffness, good heat resistance. Typical customer applications are Industrial Sheet and Non-pressurized pipes .

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<b>Application</b>	Corrugated Sheet; Opaque Containers; Panels & Profiles
<b>Market</b>	Industrial, Building & Construction; Rigid Packaging
<b>Processing Method</b>	Sheet
<b>Attribute</b>	High Heat Resistance; High Impact Resistance; Impact Copolymer

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	0.35	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1100	MPa	ASTM D790
Tensile Strength at Yield	33	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	No Break		ASTM D256
(-20 °C)	70	J/m	ASTM D256
<b>Hardness</b>			
Rockwell Hardness, (R-Scale)	80		ASTM D785
<b>Thermal</b>			
Vicat Softening Point	145	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm <sup>2</sup> )	95	°C	ASTM D648