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 .

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.35	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1100	MPa	ASTM D790
Tensile Strength at Yield	33	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	No Break		ASTM D256
(-20 °C)	70	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	80		ASTM D785
Thermal			
Vicat Softening Point	145	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm²)	95	°C	ASTM D648

Manufacturer website: https://www.polymirae.com/