

Moplen EP332C

Polypropylene Copolymer

PolyMirae

Message:

Moplen EP332C is a polypropylene impact Copolymer produced by Spheripol process. It is suitable for processing by extrusion method.

General Information	
Features	Impact copolymer
	Impact resistance, high
	Heat resistance, high
Uses	Wave plate
	Container
	Profile
Forms	Particle
Processing Method	Pipeline extrusion molding
	Extrusion
	Sheet extrusion molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.4	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1080	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	69	J/m	ASTM D256
23°C	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525

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