

Moplen EP332C

Polypropylene Copolymer

PolyMirae

Message:

Moplen EP332C is the polypropylene block copolymer manufactured by PMC under the license of BASELL using the Spheripol process. Moplen EP332C is a block copolymer appreciated by customers in the market for industrial sheet, and non-pressurized pipes. Moplen EP332C resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact. It is not intended for medical and pharmaceutical applications.

General Information			
Features	Block Copolymer		
	Food Contact Acceptable		
	Good Processability		
	High Heat Resistance		
	High Impact Resistance		
	High Stiffness		
Uses	Industrial Applications		
	Piping		
	Sheet		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
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, Injection Molded)	32.4	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus (Injection Molded)	1080	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, Injection Molded	69	J/m	
23°C, Injection Molded	No Break		

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	150	°C	ASTM D1525

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