

# Moplen EP310R

Polypropylene Copolymer

PolyMirae

Message:

Moplen EP310R is a Polypropylene Copolymer (PP Copolymer) material. It is available in Asia Pacific for extrusion coating.

Important attributes of Moplen EP310R are:

Copolymer

Food Contact Acceptable

High Stiffness

Typical applications include:

Coating Applications

Food Contact Applications

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	High Stiffness		
	Low Neck-In		
Uses	Fabric Coatings		
	Laminates		
	Paper Coatings		
	Wovens Coatings		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	31.4	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus (Injection Molded)	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	110	°C	ASTM D648

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#### Recommended distributors for this material

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