

Moplen EP120P

Polypropylene Copolymer

HMC Polymers

Message:

Polyolefin Polymers for Extrusion Coating

Features:

Good processability

Low neck-in

Good neck-in stability

Good adhesion strength

Good Pigment Dispersion

Applications:

Woven sack coating

Jumbo bag coating

Paper coating

General Information			
Features	Copolymer		
	Workability, good		
	Good coloring		
	Good adhesion		
	Low shrinkage		
Uses	Coating application		
	Fabric coating		
	Paper coating		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.0	MPa	ASTM D638
Tensile Elongation (Yield)	16	%	ASTM D638
Flexural Modulus	600	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	77.0	°C	ASTM D648

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