

Moplen RP225N

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Polypropylene Random Copolymer Resin for Skin-layer of Co-extrusion

Features:

Excellent optical properties

Broader heat seal temrperature range

Good slip and anti-blocking properties

Applications:

Skin layer of co-extruded cast films for heat seal applications

Single layer cast films

Bags for food packaging, textiles

General Information			
Additive	Anti-caking agent		
	slip agent		
Features	Broad Seal Range		
	smoothness		
	Optical		
	Anti-caking property		
	Heat sealable		
	Compliance of Food Exposure		
	Random copolymer		
Uses	Bags		
	Multilayer film		
	cast film		
Processing Method	Co-extruded film		
	cast film		
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)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	880	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	84.0	°C	ASTM D648

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