

Moplen RP225N

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Moplen RP225N is a polypropylene random copolymer. With its broad heat seal range, and good slip and anti-blocking properties, this product is especially suitable for single layer and coextruded cast film. This grade contains slip and anti-blocking additives.

General Information	
Additive	Antiblock Slip
Features	Antiblocking Food Contact Acceptable Heat Sealable High Clarity Random Copolymer Slip
Uses	Cast Film Film Food Packaging Media Packaging Stationary Supplies
Forms	Pellets
Processing Method	Cast Film Coextruded Film

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)	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 D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	84.0	°C	ASTM D648

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