

Purell RP315M

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

Purell RP315M is a medium modified random copolymer suitable for injection molding and film applications. It contains slip and anti-blocking agents. Purell RP315M is typically used by customers in healthcare applications. Purell RP315M meets the regulatory requirements on materials used for articles or components of articles intended to come into contact with food. For regulatory information please refer to Purell RP315M Product Stewardship Bulletin (PSB). Without exception, the supply in such applications is subject to our preliminary review. Please get in contact with your local sales contact for further details.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Food Contact Acceptable		
	High Gloss		
	Medium Clarity		
	Opticals		
	Random Copolymer		
	Slip		
Uses	Caps		
	Cast Film		
	Closures		
	Film		
	Medical/Healthcare Applications		
Processing Method	Cast Film		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	67		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1100	MPa	ISO 527-2/1
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50

Yield	11	%	
Break	520	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	1.4	kJ/m ²	
23°C	3.4	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	72.0	°C	ISO 75-2/B
Vicat Softening Temperature	135	°C	ISO 306/A50

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Recommended distributors for this material

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