

REPOL® H100EY

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H100EY is recommended for use in TQ (Tubular Water Quench) Film. It contains slip and antiblock additives. Repol H100EY is an ideal material to use in textile over wraps, packaging of readymade garments, snack food, grocery and general purpose packaging.

General Information			
Additive	Antiblock Slip		
Features	Antiblocking Food Contact Acceptable General Purpose Slip		
Uses	Bags Film Food Packaging General Purpose Packaging		
Agency Ratings	FDA 21 CFR 177.1520 IS 10909 IS 10910		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	35.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1600	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	26	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648

NOTE

1. Type I, 50 mm/min
2. Type I, 50 mm/min

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Recommended distributors for this material

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