

REPOL® H029SG

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H029SG is recommended for use in Oriented Film process. Repol H029SG is the material of choice for BOPP films used in adhesive tapes, food packaging, cigarette & textile overwraps, lamination, synthetic paper, etc.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
Uses	Bi-axially Oriented Film		
	Food Packaging		
	General Purpose		
	Laminates		
	Tape		
	Tobacco Overwrap Flexible 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)	2.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	36.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	40	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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