

REPOL® H030SG

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H030SG is recommended for Raffia Tapes used in making woven fabrics for sacking, carpet backing, industrial packaging and geotextile applications. Repol H030SG combines good processability on water bath and chill-roll with excellent mechanical properties. Formulated for low water carry-over.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Low Water Carryover		
Uses	Carpet Backing		
	Industrial Applications		
	Monofilaments		
	Packaging		
	Tape		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10909		
	IS 10910		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	34.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	10	%	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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