

REPOL® AS030N

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol AS030N is recommended for Raffia Tapes used in making woven fabrics for sacking, carpet backing & industrial packaging applications. Repol AS030N combines good processability on water bath and chill-roll with excellent mechanical properties.

General Information

Features	Food Contact Acceptable
	Good Processability
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
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Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Strength ¹ (Yield, Injection Molded)	35.0	MPa	ASTM D638
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Tensile Elongation ² (Yield, Injection Molded)	12	%	ASTM D638
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Flexural Modulus - 1% Secant (Injection Molded)	1400	MPa	ASTM D790A
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Impact	Nominal Value	Unit	Test Method
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Notched Izod Impact (23°C, Injection Molded)	44	J/m	ASTM D256
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Thermal	Nominal Value	Unit	Test Method
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Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648
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NOTE

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

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