

REPOL® H020SU

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H020SU is recommended for high tenacity Raffia Tapes used for making woven fabric for sacks, FIBCs & geotextiles. Repol H020SU contains Hindered Amine Light Stabiliser (HALS) for protection against UV rays.

General Information	
Additive	UV Stabilizer
Features	Food Contact Acceptable
Uses	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)	2.0	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)	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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