

REPOL® H034SG

Polypropylene Homopolymer
Reliance Industries Limited

Message:

Repol H034SG is recommended for use in Oriented Film process. Repol H034SG is suitable for low thickness films and processing on high line speeds. Repol H034SG is the material of choice for BOPP films used in adhesive tapes, food packaging, cigarette & textile overwraps, synthetic paper, etc.

General Information	
Features	Food Contact Acceptable
Uses	Bi-axially Oriented Film Film Food Packaging Tape Tobacco Overwrap Flexible Packaging
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)	36.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	12	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1350	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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Recommended distributors for this material

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