

# REPOL® SS80N

Polypropylene Homopolymer

Reliance Industries Limited

## Message:

Repol SS80N is recommended for use in Cast Film application, specially designed for use as a core layer in coextruded cast film applications. Repol SS80N is an ideal material for food and general purpose packaging. Grade does not contain slip and antiblock additives.

General Information			
Features	Homopolymer		
Uses	Packaging Films Laminate cast film Food packaging		
Agency Ratings	FDA 21 CFR 177.1520 IS 10909 IS 10910		
Processing Method	Co-extrusion molding cast film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, Injection Molded)	36.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield, Injection Molded)	11	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup> (Injection Molded)	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	105	°C	ASTM D648
NOTE			
1.	Type 1, 50mm/min		
2.	Type 1, 50mm/min		
3.	Type 1		

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### Recommended distributors for this material

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