

# REPOL® MI3535

Polypropylene Impact Copolymer

Reliance Industries Limited

## Message:

Repol M13535 is specially formulated for high speed Extrusion Compression Moulding process. It is an ideal material to use in moulded caps and closures.

General Information	
Features	Food Contact Acceptable
Uses	Caps Closures
Agency Ratings	FDA 21 CFR 177.1520 IS 10909 IS 10910
Processing Method	Compression Molding Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, Injection Molded)	30.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1300	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°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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