

REPOL® C015EG

Polypropylene Impact Copolymer

Reliance Industries Limited

Message:

Repol C015EG is recommended for use in Blow Moulding and Extrusion processes where high impact strength is required. It is an ideal material to use in making blow moulded containers, sheets, thermoforming, automotive trims etc.

General Information			
Features	Food Contact Acceptable		
	High Impact Resistance		
Uses	Automotive Applications		
	Blow Molding Applications		
	Blown Containers		
	Sheet		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10909		
	IS 10910		
Processing Method	Blow Molding		
	Extrusion		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	27.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	11	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1100	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	230	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	95.0	°C	ASTM D648
NOTE			
1.	Type I, 50 mm/min		

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Recommended distributors for this material

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