REPOL® C015EG

Polypropylene Impact Copolymer Reliance Industries Limited



Technical Data

Product Description

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				
Material Status	 Commercial: Active 			
Literature ¹	 Technical Datasheet (English)		
Search for UL Yellow Card	 Reliance Industries Limited REPOL® 			
Availability	 Asia Pacific 			
Features	 Food Contact Acceptable 	 High Impact Resistance 		
Uses	Automotive ApplicationsBlow Molding Applications	Blown ContainersSheet		
Agency Ratings	• FDA 21 CFR 177.1520	• IS 10909	 IS 10910 	
Processing Method	Blow MoldingExtrusion	Sheet ExtrusionThermoforming		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8 g/10 min	1.8 g/10 min	ASTM D1238	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method	
Tensile Strength ³ (Yield, Injection Molded)	3920 psi	27.0 MPa	ASTM D638	
Tensile Elongation ³ (Yield, Injection Molded)	11 %	11 %	ASTM D638	
Flexural Modulus - 1% Secant (Injection Molded)	145000 psi	1000 MPa	ASTM D790A	
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method	
Notched Izod Impact			ASTM D256	
73°F (23°C), Injection Molded	3.7 ft·lb/in	200 J/m		
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method	
Deflection Temperature Under Load			ASTM D648	
66 psi (0.45 MPa), Unannealed, Injection Molded	203 °F	95.0 °C		

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ Type I, 2.0 in/min (50 mm/min)



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Where to Buy

Supplier

Reliance Industries Limited Mumbai, India Telephone: +91-22-2278-5000 Web: http://www.ril.com/

Distributor

Please contact the supplier to find a distributor for REPOL® C015EG



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