

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 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 (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 73°F (23°C), Injection Molded	3.7 ft-lb/in	200 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 psi (0.45 MPa), Unannealed, Injection Molded	203 °F	95.0 °C	ASTM D648

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)

REPOL® C015EG

Polypropylene Impact Copolymer

Reliance Industries Limited

PROSPECTOR®

www.ulprospector.com

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

