

REPOL® B015EN

Polypropylene Impact Copolymer

Reliance Industries Limited

Message:

REPOL Polypropylene B015EN is manufactured using Unipol PP process which combines the production efficiency of gas phase fluidized bed reactor technology with the high activity stereospecific catalyst system. Repol B015EN is recommended for use in Blow Moulding and Extrusion processes where high flexural modulus and good impact strength are required. It is an ideal material for making Hollow Corrugated Sheets , Blow moulded containers, automotive components etc.

General Information	
Features	Good Impact Resistance Good Processability High Gloss High Stiffness Impact Copolymer
Uses	Automotive Applications Blow Molding Applications Containers Sheet
Forms	Pellets
Processing Method	Blow Molding Extrusion

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)	28.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant ³	1200	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	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
3.	Type I

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