

# REPOL® H060MG

Polypropylene Homopolymer

Reliance Industries Limited

## Message:

REPOL Polypropylene H060MG 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 H060MG is recommended for Injection Moulding of products where short flow paths are involved. Repol H060MG is an ideal choice for moulding small industrial components, caps, toys and general purpose injection moulding.

General Information			
Features	Good Color Stability		
	Good Processability		
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	Homopolymer		
Uses	Caps		
	General Purpose		
	Industrial Applications		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	32.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1550	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648
NOTE			
1.	Type I, 50 mm/min		
2.	Type I, 50 mm/min		
3.	Type I		

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