

REPOL® H230FG

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H230FG is recommended for use in Fibre Spinning and in particular bulk continuous filaments. Repol H230FG contains an excellent process stabilizer package suitable for filament products. Formulated for gas fading resistance.

General Information			
Additive	Anti-gas fading		
	Processing Stabilizer		
Features	Food Contact Acceptable		
	Gas-fading Resistant		
Uses	BCF Multifilaments		
	Fibers		
Agency Ratings	FDA 21 CFR 177.1520		
	IS 10909		
	IS 10910		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	34.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1550	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	25	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		

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Recommended distributors for this material

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