

REPOL® H110FU

Polypropylene Homopolymer

Reliance Industries Limited

Message:

Repol H110FU is recommended for Staple Fibres & Continuous High Tenacity Filaments. The grade is specially formulated for Anti gas fading and UV stability. Repol H110FU is an ideal material for spinning of fine denier staple fibres.

General Information	
Features	Homopolymer
	Resistance to gas fading
	Good UV resistance
	Compliance of Food Exposure
Uses	staple fiber
	Filament
	Fiber
Agency Ratings	FDA 21 CFR 177.1520
	IS 10909
	IS 10910

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Injection Molded)	35.0	MPa	ASTM D638
Tensile Elongation ² (Yield, Injection Molded)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³ (Injection Molded)	1600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	104	°C	ASTM D648
NOTE			
1.	Type 1, 50mm/min		
2.	Type 1, 50mm/min		
3.	Type 1		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

