

Safron® H517-25RG

Polypropylene Homopolymer

Safrinol (PTY) LTD

Message:

H517-25RG Polypropylene Resin is a controlled rheology polypropylene homopolymer resin suitable for the production of fibres and filaments on long- and short-spinning lines. H517-25RG Polypropylene Resin offers excellent processability at melt temperatures between 220 and 280 degrees C. H517-25RG Polypropylene Resin is modified to resist gas fading.

General Information			
Additive	Anti-gas fading		
Features	Controlled Rheology		
	Food Contact Acceptable		
	Gas-fading Resistant		
	Good Processability		
	Homopolymer		
Uses	Agricultural Applications		
	BCF Yarn		
	Fabrics		
	Fibers		
	Filaments		
	Filtration Media		
	Natural Gas Distribution		
	Personal Care		
	Spunbond Nonwovens		
	Staple Fibers		
	Textile Applications		
	Yarn		
Agency Ratings		EU 2002/72/EC	
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	26	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	31.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	8.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1370	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	3.0	kJ/m ²	ISO 179/1eA

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, Unannealed	75.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	51.0	°C	ISO 75-2/A
Vicat Softening Temperature ²	83.0	°C	ISO 306/B

NOTE

1. Injection Molded
2. Injection Molded

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

