

Reon 57GMR01

Polyvinyl Chloride Homopolymer

Reliance Industries Limited

Message:

57GMR01 is a low molecular weight suspension type PVC resin suitable for rigid injection moulding and rigid sheet extrusion applications. It is specially recommended for injection moulding of pipe fittings and calendaring of opaque sheets. Its combination of low molecular weight with high melt flow makes it suitable for easy processing in injection moulded items. Uniform coarseness of the grains of this resin results in easy bulk handling, minimum requirement of lubricant and more uniform fluxing in the barrel.

General Information			
Features	High Flow		
	Homopolymer		
	Low Molecular Weight		
Uses	Foam		
	Handles		
	Piping		
	Sheet		
Agency Ratings	IS 10151		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.48 to 0.54	g/cm ³	ASTM D1895
K-Value ¹	57.0		
Inherent Viscosity	0.68		ASTM D1243
Particle Size - Retention on ASTM 30 mesh	< 0.00500	%	
Particle Size Distribution			ASTM D1921
Retention on ASTM 40 mesh	< 0.10	%	
Retention on ASTM 60 mesh	< 2.0	%	
Through ASTM 140 mesh	< 50	%	
Heat Loss	< 0.30	%	ASTM D3030
Flow Time	< 25.0	sec	ASTM D1895
Porosity - DOP	0.220 to 0.340	cm ³ /g	ASTM D3367
Residual Vinyl Chloride Monomer	< 2	ppm	ASTM D3749
NOTE			
1.	@ 1% in cyclohexanone		

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



WECHAT