

Reon 67BER01

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 calendering 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
	Medium Molecular Weight
Uses	Conduit
	Film
	Piping
	Sheet
Agency Ratings	IS 10151
Processing Method	Blow Molding
	Calendering
	Extrusion
	Pipe Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.55	g/cm ³	ASTM D1895
K-Value ¹	67.0		
Inherent Viscosity	0.92		ASTM D1243
Particle Size Distribution			ASTM D1921
Retention on ASTM 40 mesh	< 0.10	%	
Retention on ASTM 60 mesh	< 5.0	%	
Through ASTM 140 mesh	< 25	%	
Heat Loss	< 0.30	%	ASTM D3030
Dark Resin - for 100 g resin	< 10.0	count/g	
Flow Time	< 25.0	sec	ASTM D1895
Porosity - DOP	0.210 to 0.290	cm ³ /g	ASTM D3367
Residual Vinyl Chloride Monomer	< 2	ppm	ASTM D3749

NOTE

1. @ 1% in cyclohexanone

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Recommended distributors for this material

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