

# Reon 67GER01

Polyvinyl Chloride Homopolymer

Reliance Industries Limited

## Message:

67GER01 is a medium molecular weight suspension type PVC resin suitable for rigid extrusion products. It is specially recommended for rigid pipes & conduits, rigid profiles, rigid sheets, unplasticised tubular film, etc. Its combination of medium molecular weight with high apparent bulk density makes it suitable for easy processing at high output rate, still maintaining the high mechanical properties. Its balanced heat loss property does not allow static to develop and reduces the flow time. At the same time the resin contains minimum volatiles. The narrow range of porosity of 67GER01 makes it easy to maintain a uniform fusion point at constant lubricant level. Uniform coarseness of the grains of this resin results in easy bulk handling, minimum requirement of lubricant and more uniform fluxing in the extruder.

General Information			
Features	Good Processability		
	High Flow		
	Homopolymer		
	Medium Molecular Weight		
Uses	Film		
	Piping		
	Profiles		
	Sheet		
Agency Ratings	IS 10151		
Processing Method	Blown Film		
	Calendering		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.55	g/cm <sup>3</sup>	ASTM D1895
K-Value <sup>1</sup>	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 <sup>3</sup> /g	ASTM D3367
Residual Vinyl Chloride Monomer	< 2	ppm	ASTM D3749
NOTE			
1.	@ 1% in cyclohexanone		

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