67GER01F

POLYVINYL CHLORIDE

SUSPENSION HOMOPOLYMER FOR SEMI-RIGID & FLEXIBLE APPLICATIONS

67GER01F is a medium molecular weight suspension type PVC resin suitable for flexible extrusion products. It is specially recommended for Flexible blown film, Cables, Flexible calendered film, Medical tubing and also for Rigid lamination & twist-wrap film. Its combination of medium molecular weight with good porosity and low fish eyes makes it suitable for good plasticiser absorption and clarity. Uniform coarseness of the grains of this resin results in easy bulk handling, minimum requirement of lubricant and more uniform fluxing in the extruder.

Typical Characteristics			
Properties	Test Method	Unit	Typical Value*
K-value	@1% in Cyclohexanone	-	67
Inherent Viscosity	ASTM D1243	-	0.92
Apparent Bulk Density	ASTM D1895	g/ml	0.52
Flowtime	ASTM D1895	secs	25 max
Heat Loss	ASTM D3030	% max	0.3
Porosity (DOP)	ASTM D3367	ml/g	0.26 – 0.29
Dark Resin	For 100 g resin	count	10 max
Residual VCM	ASTM D3749	ppm	<2
Particle Size Distribution - Retention on ASTM 40 mesh - Retention on ASTM 60 mesh - Through ASTM 140 mesh	ASTM D1921	% max	 0.1 5 25

* Typical values not to be considered as specifications

Applications

- Cable insulation and sheathing
- Rigid lamination and twist wrap film
- Medical tubing
- Flexible blown film and sheets
- Flexible calendered film

Regulatory Information

- Meets the requirements stipulated in IS 10151, on PVC and its Copolymers for its safe use in contact with foodstuff, pharmaceuticals and drinking water
- Does not contain any auxillary items like stabiliser, lubricant, etc. It also conforms to the positive list of constituents as presented in IS 10148

Storage Recommendations

- Bags should be stored in dry conditions at temperatures below 50°C and protected from UV / direct sunlight.

Reliance Industries Limited, Product Application & Research Centre,
Swastik Mill Compound, V. N. Purav Marg, Chembur, Mumbai-400 071. Tel.: +91-22-6767 7000. E-mail: polymer_patsupport@ril.com Website: www.ril.com

Updated as of April, 2019