

PVC

129

General Description

Type	Polyvinyl Chloride homopolymer resin made by micro suspension process
Appearance	White fluffy powder



Features

- * High molecular weight PVC resin
- * Excellent mechanical properties

Main Uses

- Top coats in Flooring
- Textile coatings
- Artificial Leather Cloth

Typical Properties	BIS Standard 17658-2021 Grade 8	Typical Value	Test Procedures
K-Value	> 85	89	ISO 1628-2
Inherent Viscosity	1.49 to 1.59	1.58	ASTM D 1243
Volatile Loss, % max	0.5	0.25	ASTM D 3030
BFV, Pa-s (max)+	22.5	4.5	ASTM D 1824
Residual Vinyl Chloride Monomer (RVCM) (ppm)	< 2	1.7	IS 10151
Severs Viscosity, Poise (max -300)++		203	ASTM D 1823

Confirms to IS 17658 : 2021

* Not to be used in the manufacture of SUP items prohibited under PWM Rules 2016

+ Brook Field Viscometer LV model, spindle no. 4, RPM 60, aging 2 hours at 23°C++Burrell Severs Rheometer, orifice length 50 mm, diameter 3.17 mm, shear stress 100 psi

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The above information represents the average of a range of measurements. It is believed to be reliable and is given in good faith but without warranty. It is recommended that the user satisfies himself on the aspects of full-scale testing and end product performance

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