

Technical Data Sheet

PVC S57
Polyvinyl Chloride

PVC S57 is free flowing vinyl chloride homopolymer resin having low molecular weight. It is manufactured by suspension polymerization.

Applications:

S57 is designed to give an easy processing product for rigid applications since it has low melt viscosity. The main applications are:

Injection molding: pipe fittings, rigid PVC parts

Sheet extrusion: Rigid films, compact and foamed rigid sheets

Properties	Value	Test Method	Unit
K-Value	56.1-57.8	ASTM	NO
Appearance	W.P.	--	--
Inherent Viscosity	0.665-0.72	B.F.G/ASTM D 1243-79	--
Retained on 40 Mesh	<IE-06	B.F.G	%
Retained on 200 Mesh	>= 85	B.F.G	%
Porosity	0.05-0.2	DIN 53417/1	ml/mg
Volatile Matter(Heat Loss)	<= 0.4	B.F.G	%
Bulk Density(Apparent)	0.5-0.62	B.F.G/ASTM D 1898-69	gr/cc
Dark Resin(per 10 SQ.IN)	<= 30	B.F.G	In 100 g