

DATE: 2024-2025

Arena Code: AS10200/ABDP-PVC S57

Producer and Supplier in the fields of Chemical, Oil, Gas and Petrochemical industries

## **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< td=""><td>B.F.G</td><td>%</td></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



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