

SABIC® SPVC 57S

SUSPENSION POLYVINYL CHLORIDE

DESCRIPTION

SABIC® PVC 57S is a free flowing vinyl chloride homopolymer resin having low molecular weight. It is manufactured by suspension polymerization.

TYPICAL APPLICATIONS

57S 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

Calendaring: Rigid films and sheets

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
K-Value	57	-	ASTM D1243
Apparent Bulk Density	560	kg/m ³	ASTM D1895
Particle Size distribution			
Retained on mesh 60 (250 μ)	≤6	%	SABIC method
Passing through mesh 200 (74 μ)	≤10	%	SABIC method
Volatile Content			
-	≤0.3	%	ASTM D3030

(1) Typical values; not to be construed as specification limits.

STORAGE AND HANDLING

PVC is delivered in 25 kg bags. PVC resin should be stored in dry area and prevented from direct exposure to sunlight and storage temperature does not exceed 50°C. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change and inadequate product performance. It is advisable to process PVC resin within 6 months after delivery.