

SABIC® SPVC 67S

SUSPENSION POLYVINYL CHLORIDE

DESCRIPTION

SABIC® PVC 67S is a free flowing vinyl chloride homopolymer resin having medium molecular weight. It is manufactured by suspension polymerization.

TYPICAL APPLICATIONS

67S is designed to give an easy processing product for extrusion rigid applications since it has moderate melt viscosity. The main applications are: Rigid pipes (pressure and non-pressure), Corrugated tubes and conduits, Rigid profiles

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
K-Value	67	-	ASTM D1243
Apparent Bulk Density	570	kg/m ³	ASTM D1895
Particle Size distribution ⁽¹⁾			
Retained on mesh 60 (250 μ) ⁽¹⁾	≤15	%	SABIC method
Passing through mesh 200 (74 μ)	≤4	%	SABIC method
Volatile Content			
-	≤0.3	%	ASTM D3030

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

CHARACTERISTICS

SABIC® PVC 67S has properties that makes it suitable for rigid PVC processing with high production rates, easy handling and conveying, very low dust-level, high purity, high bulk density and narrow particle size distribution. SABIC® PVC 67S is designed to give an easy-processing product for rigid extruded applications. It can be used with a wide range of heat stabilizers and fillers.

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.