

POLYMERS

SABIC® SPVC

67S

Suspension Polyvinyl Chloride For Rigid Applications

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PRODUCT DESCRIPTION:

67S is a free flowing vinyl chloride homopolymer resin designed for rigid extrusion applications. It is manufactured by suspension polymerization. 67S has following properties that make it suitable for rigid PVC extrusion with high production throughput:

- Low content of fines (easy handling and conveying)
- High bulk density (good material compacting and high production rates)
- Narrow particle size distribution (easy processing)
- High melt strength (good for fast processes like pipe and profile extrusions)
- High tensile properties (good end product performance)

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:

RESIN PROPERTIES	Unit	Value ⁽¹⁾	Test Method
K-Value	-	67	DIN 53726
Apparent Bulk Density	Kg/m ³	570	ASTM D 1505
Particle Size distribution			SABIC Method
Retained on mesh 60 (250 μ)	%max	15	
Passing through mesh 200 (74 μ)	%max	4	
Volatile Content	%max	0.3	ASTM D 3030

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

STORAGE & HANDLING:

PVC resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably do 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.

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