

**PRODUCT NAME: PVC 57s**

**Supplier: SABIC®**

**Product Identification & 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 sheet.

**POLYMER PROPERTIES**

Property	Typical Values	Units	Test Methods
<b>K-Value</b>	57	–	ASTM D1243
<b>Apparent Bulk Density</b>	560	kg/m <sup>3</sup>	ASTM D1895
<b>Particle Size Distribution</b>			
<b>– Retained on mesh 60 (250 µm)</b>	≤ 6	%	SABIC Method
<b>– Passing through mesh 200 (74 µm)</b>	≤ 10	%	SABIC Method
<b>Volatile Content</b>	≤ 0.3	%	ASTM D3030

**Storage and Handling**

PVC is delivered in 25 kg bags. PVC resin should be stored in dray 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.

**DISCLAIMER**

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties. It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes.

The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us. Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.

**Revision:** This datasheet replaces all previous versions. **Revision Date:** Mar 2026