

## PRODUCT NAME: PVC 70s

Supplier: SABIC®

### Product Identification & Description

SABIC® PVC 70S is a free flowing vinyl chloride homopolymer resin having high molecular weight. It is manufactured by suspension polymerization.

### Typical Applications

70S is designed to give an easy processing product for flexible applications since it has the ability to fast absorb substantial quantities of plasticizers. It is a high molecular weight resin and therefore, presents good mechanical properties. The main applications are: Extrusion : Wire insulation and cable jacketing , Flexible films and sheets , Flexible profiles , Hoses Injection molding : Shoe soles , Flexible PVC parts Calendering , Flexible films and sheets

### POLYMER PROPERTIES

Property	Typical Values	Units	Test Methods
<b>K-Value</b>	70	–	ASTM D1243
<b>Apparent Bulk Density</b>	510	kg/m <sup>3</sup>	ASTM D1895
<b>Particle Size Distribution</b>			
<b>– Retained on mesh 60 (250 µm)</b>	≤ 3	%	SABIC Method
<b>– Passing through mesh 200 (74 µm)</b>	≤ 6	%	SABIC Method
<b>Porosity (DOP)</b>	0.32	cc/g	ASTM D3367
<b>Volatile Content</b>	≤ 0.3	%	ASTM D3030

### Storage and 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.

### 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