



# TECHNICAL DATASHEET

## SPVC 70S

SUSPENSION POLYVINYL CHLORIDE FOR FLEXIBLE APPLICATIONS

### 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

### TYPICAL PROPERTY VALUES

Revision  
20210812

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
K-Value	70	-	ASTM D1243
Apparent Bulk Density <sup>(1)</sup>	510	kg/m <sup>3</sup>	ASTM D1895
Particle Size distribution			
Retained on mesh 60 (250 μ) <sup>(1)</sup>	≤3	%	SABIC method
Passing through mesh 200 (74 μ)	≤6	%	SABIC method
Porosity (DOP)	0.32	cc/g	ASTM D3367
Volatile Content	≤0.3	%	ASTM D3030