



# SABIC® SPVC 80S

## SUSPENSION POLYVINYL CHLORIDE FOR FLEXIBLE APPLICATIONS

### DESCRIPTION

SABIC® PVC 80S is a free flowing vinyl chloride homopolymer resin having ultrahigh molecular weight. It provides excellent mechanical properties. It is manufactured by suspension polymerization.

### TYPICAL APPLICATIONS

PVC 80S provides excellent mechanical properties. An can be used for specialty applications in  
Hoses  
Water proofing  
Cable Jacketing and Insulation  
Sheets

### TYPICAL PROPERTY VALUES

Revision 20221024

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
K-Value	80	-	ASTM D1243
Apparent Bulk Density <sup>(1)</sup>	480	kg/m <sup>3</sup>	ASTM D1895
<b>Particle Size distribution</b>			
Retained on mesh 60 (250 μ) <sup>(1)</sup>	≤5	%	SABIC method
Passing through mesh 200 (74 μ)	≤6	%	SABIC method
Porosity (DOP)	0.34	cc/g	ASTM D3367

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

### CHARACTERISTICS

SABIC® PVC 80S has properties that makes it suitable for plasticized PVC, excellent plasticizer absorption, high purity, low content of fines, easy handling and conveying, good electrical properties.

SABIC® PVC 80S is designed to give an easy-processing product for flexible applications along with excellent mechanical properties.

### 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

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NONINFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.