



SABIC[®] SPVC 59S

SUSPENSION POLYVINYL CHLORIDE

DESCRIPTION

SABIC[®] PVC 59S is a free flowing vinyl chloride homopolymer resin having low molecular weight. It is manufactured by suspension polymerization.

TYPICAL APPLICATIONS

59S 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

Calendering: Rigid films and sheets

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
K-value	59	-	ISO 1628-2
Apparent Bulk Density	580	kg/m ³	ASTM D1895
Particle Size distribution ⁽¹⁾			
Retained on mesh 60 (250 µ) ⁽¹⁾	5	% max	SABIC method
Passing through mesh 200 (74 µ)	10	% max	SABIC method
Volatile content	0.3	% max	ASTM D3030

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

STORAGE AND HANDLING

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