

SABIC[®] SPVC 60S

SUSPENSION POLYVINYL CHLORIDE

DESCRIPTION

PVC 60S is a free flowing vinyl chloride homopolymer resin having low molecular weight. It is manufactured by suspension polymerization. PVC 60S has following properties that make it suitable for rigid PVC applications.

TYPICAL APPLICATIONS

SABIC PVC 60S is designed for calendaring, extrusion and thermoforming application. It is mainly designed for food packaging but can be used for other applications such as medical blister and rigid shrink film.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
K-value	60	-	ISO 1628-2
Apparent Bulk Density	570	kg/m ³	ASTM D1895
Particle Size distribution			
• Retained on mesh 60 (250 µm) ⁽¹⁾	4	% max	ASTM B822
• Passing through mesh 200 (74 µm)	6	% max	ASTM B822
Volatile content ⁽¹⁾	0.3	% max	ASTM D3030

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

CHARACTERISTICS

SABIC PVC 60S has narrow particle size distribution and moderate melt viscosity for easy processing even in injection molding, good end product transparency and very low level of fish eye and gels.

FOOD REGULATION

PVC 60S is suitable for Food contact application. Detailed information is provided in the relevant Standard Food Contact Declaration. Additional specific information can be requested via your local Sales Office.

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.