

PVC

PVC S-65D

SUSPENSION PVC (S-PVC)

A high-K-value suspension-process polyvinyl chloride resin distinguished by high bulk density and excellent initial color properties. It is engineered for rigid molding processing, particularly extrusion of rigid pipe at high output rates.

Typical Application

- Rigid pipe extrusion at high output rates
- Profile extrusion
- Rigid sheet
- Pipe fittings

Product Characteristics

- High bulk density supporting efficient extrusion throughput
- Excellent initial color properties
- Formulated for rigid molding and high-output pipe extrusion

Physical Properties

Properties	Test Method	Typical Value	Unit
K Value	DIN 53726	65.7 - 67.1	
Degree of Polymerization	JIS K6720-2	1050 ± 50	
Particle Size (Retained on 42 Mesh Sieve)		0.01 max	%
Bulk (Apparent) Density	JIS K6720-2	0.55 ± 0.02	g/cm ³
Cold Plasticizer Absorption	ASTM D-3367	17 ± 1.0	%
Volatile Matter	JIS K6720-2	0.3 max	%
Residual VCM	ASTM D-3749	1 max	ppm
Foreign Matter		60 max	PC/100g

The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.