

PVC

PVC S-65

SUSPENSION PVC (S-PVC)

A medium-to-high K-value suspension homopolymer PVC resin offering good plasticizer absorption and good heat stability. Depending on the compounding package, it processes into rigid extruded articles such as pipe, profile, and sheet, or into plasticized flexible articles.

Typical Application

- Rigid pipe extrusion
- Profile extrusion
- Sheet
- Fittings

Product Characteristics

- Good plasticizer absorption
- Good heat stability
- Suitable for both rigid (unplasticized) and flexibilized (plasticized) formulations

Physical Properties

Properties	Test Method	Typical Value	Unit
K Value	DIN 53726	64.6 - 66.0	
Degree of Polymerization	JIS K6721	1030 ± 30	
Bulk (Apparent) Density	JIS K6721	0.50 ± 0.02	g/cm ³
Volatile Matter	JIS K6721	0.3 max	%
Coarse Particles (+42 mesh sieve)		0.01 max	%

1. 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.

2. Typical values per the producer's published family data; grade-specific certificate of analysis supplied per lot at order.

3. This K-value/bulk-density combination is documented by the producer for a plasticizer-absorption-oriented sub-grade (flexible film, cable) as well as for general rigid-pipe use; end-use suitability depends on the final compound.