

PVC

PVC S-75

SUSPENSION PVC (S-PVC)

A suspension-process polyvinyl chloride resin exhibiting very high porosity and good plasticizer absorption. Its high degree of polymerization suits it to calendering of film and sheet with strong mechanical and physical properties, particularly for high-insulation wire and cable applications.

Typical Application

- Highly plasticized compounds
- Coatings
- Flexible film
- Calendering of film and sheet
- High-insulation wire and cable

Product Characteristics

- Very high porosity for rapid plasticizer absorption
- High degree of polymerization for strong mechanical and physical performance
- Suited to calendering of film and sheet, particularly high-insulation wire and cable

Physical Properties

Properties	Test Method	Typical Value	Unit
K Value	DIN 53726	73.4 - 75.2	
Degree of Polymerization	JIS K6721	1450 ± 50	
Bulk (Apparent) Density	JIS K6721	0.45 ± 0.02	g/cm ³
Volatile Matter	JIS K6721	0.3 max	%
Coarse Particles (+42 Mesh Sieve)		0.01 max	%

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

2. 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.