

FORMOLON S-70R

Suspension Resin Specification



Product Information

www.fpc.com.tw

Jan. 2024

General Description

S-70R is suspension PVC with high bulk density, high porosity, good plasticizer absorption and good electrical properties.

Main Applications

Used for extrusion, injection molding and calendering or flexible products, especially for wires and cables.



Resin Properties

Items	Specification	Unit	Test Method
K-Value*	69.7 ~ 71.5	-	DIN53726
Degree of Polymerization	1250 ± 50	-	JIS K6721
Particle Size	Max. 0.01	%	Retained on 42 mesh
Apparent Bulk Density	0.48 ± 0.02	g/cm ³	JIS K6721
Plasticizer Absorption	28 ± 2	%	FPC Method
Volatiles	Max. 0.3	%	JIS K6721
VCM Residual	Max. 1.0	ppm	ASTM D3749
Foreign Matter	Max. 30	PC/100g	FPC Method
Fish Eye	Max. 30	PC/100cm ²	FPC Method

*K Value (reference) from a viscosity conversion table.

Packaging

PP woven bag (25kg) 、Jumbo bag