

Technical Data Sheet

PETVINIL S39/71

Polyvinyl Chloride (PVC)



Description

PETVINIL S39/71 is a polyvinyl chloride resin produced by suspension polymerization. PETVINIL S39/71 is a white powder characterized with high average molecular weight. It has a porous particle structure and suitable for production of plasticized flexible PVC parts.

Applications

Extrusion: cable insulation and sheathing, flexible film and sheet, geomembrane, flexible pipe and hose, soft profile (gasket, seal, expansion joint, O-ring)

Calendering: flexible sheet and film

Injection molding: slipper, sole, toys

Compliance to Regulations

The formulation and production of PETVINIL S39/71 conforms to the compositional requirements of the Commission Regulation (EU) No. 10/2011.

Properties	Typical Values (*)	Units	Test Methods
Resin Properties			
Viscosity Number (Cyclohexanone, 25°C)	125	cm ³ /g	TS EN ISO 1628-2
K Value (Cyclohexanone, 25°C)	70	-	TS EN ISO 1628-2
Bulk Density	0.48	g/cm ³	TS 448 EN ISO 60
Particle Size Distribution			
>0.250 mm	max. 3	w%	ISO 13320
>0.063 mm	min. 92	w%	ISO 13320
Volatile Matter	max. 0.3	w%	TS EN ISO 1269
Contamination	max. 60	pcs/9dm ²	TS EN ISO 1265
Residual Vinyl Chloride Monomer	<1	ppm	ASTM D3749
Gels (Fisheyes), Size A	1	pcs/232cm ²	ASTM D3596

(*) These are typical properties only and are not to be construed as specifications. Customers should confirm results by their own tests.

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Health, Safety and Food Contact Regulations

The detailed information of the PETVINIL S39/71 product is given in Material Safety Data Sheet and Food Contact Declaration of the product. Please contact your sales representatives or visit web site for the food contact application compliance (e.g. EU, FDA) and other regulatory documents.

Packing and Storage

The material is packaged in PE bags or in PP Big Bags. The product should be stored in a dry area with an ambient temperature below 50°C. It should be kept away from sunlight, sparks, heat and flame. Inappropriate storage conditions can lead to bad smell, color changes and the deterioration in physical properties. It is advised to process PVC resins within 6 months after delivery. Prior to processing PVC product bags shall be kept in production area for at least 12 hours.

Recycling

The product is not hazardous or toxic and it is suitable for recycling using available recycling methods.

Medical Applications Policy

The product mentioned herein is not tested for use in pharmaceutical/medical applications. It is the responsibility of the final product manufacturer to determine that PETKİM product is suitable for intended use.

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