

Technical Data Sheet



Siamvic 167GZ

Polyvinyl chloride

TYPE

Polyvinyl chloride made by emulsion polymerization

PROCESSING TECHNIQUES

Extrusion Calendering, Injection, Coating, Molding

ADVANTAGES

Blending in Suspension PVC:

- Provides a processing aid effect, speeds up fusion, enhances melt strength
- Reduces sheet's flow marks and improves transparency
- Enhances the gloss of finished product

APPLICATIONS

Blending in Suspension PVC: Rigid profiles, Film and Sheet, Flooring, Artificial Leather, Hose, Soft Profile, Fitting

Blending in Plastisol: Artificial leather, Floor covering, canvas, toy, car mastic

Blending in Plastisol:

- lower plastisol viscosity, reduces dilatancy
- allows to reduce or avoid the use of diluent or viscosity depressants
- enhance the matte surface of finished product

Characteristics	Units	Values	Standards
Viscosity index	ml/g	113	ISO 1628-2
K value (cyclohexanone)		67	ISO 1628-2
Polymerization degree		1040	JIS K6721
Bulk density-compacton	kg/l	0.72	ISO 1068
Particle size			ISO 1624
90% by weight	micron	≤ 110	
10% by weight	micron	≥ 3	
Volatile matter	%	≤ 0.3	Solvay 02B
Residual Vinylchloride monomer	ppm	≤ 1	ASTM D3749

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