

SolVin 173GB Polyvinyl Chloride Emulsion Polymer

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Powder

Material Notes:

Made by emulsion polymerization. APPLICATIONS Calendering : plasticized films and sheets Extrusion : rigid or plasticized pipes and profiles In most cases, SolVin 173GB resin is used in blends with suspension resins. CHARACTERISTICS SolVin 173GB is a polyvinyl chloride with a high K value, supplied in the form of a white powder consisting of cenospheres. SolVin 173GB includes polymerization additives which make it easier to process. Its intrinsic thermal stability is high. Compared with suspension polymers having the same viscosity index, SolVin 173GB resin permits lower processing temperatures and more rapid gelation ("processing aid" effect). SolVin 173GB resin imparts "handle" to plasticized calendered films and gives good impact strength to rigid extruded products. Information provided by SolVin.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SolVin-173GB-Polyvinyl-Chloride-Emulsion-Polymer.php

Physical Properties	Metric	English	Comments
Volatile Organic Compounds (VOC) Content	<= 0.30 g/l	<= 0.30 g/l	ISO 1269
Apparent Bulk Density	0.560 g/cc	0.0202 lb/in ³	ISO 1068
Particle Size	45 Åµm	45 Åµm	>50% greater than value; ISO 1624
	125 Åµm	125 Åµm	<16 g/kg greater than value; ISO 1624
Viscosity Test	136 cm ³ /g	136 cm ³ /g	Reduced viscosity, K value = 73; ISO 1628-2

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