

DuPont Elvanol® 51-05 Polyvinyl Alcohol Partially Hydrolyzed General Purpose Grade

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Film

Material Notes:

Elvanol® polyvinyl alcohol (PVOH) is used in the manufacture of spiral wound tubes, coated paper and linerboard, and specialty water-soluble films. Its higher binding capacity versus synthetic latex and starch make it attractive for use in coatings. It adds strength in recycle board and adds barrier properties for improved oil and grease resistance. Applications: Silicone release Oil and grease resistance Label stock pigment coating Fluorochemical extender Strengthening recycle board Water Soluble Films Pouches and sachets manufactured with films of DuPont™ Elvanol® are water soluble, dissolving as they release their content into cold or warm aqueous solutions. Applications include water treatment chemicals, dyes, laundry detergents, agricultural chemicals, disinfectants, industrial cleaning chemicals and other areas benefiting from ready-to-use, pre-measured dosages or reduced packaging waste. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvanol-51-05-Polyvinyl-Alcohol-Partially-Hydrolyzed-General-Purpose-Grade.php

Physical Properties	Metric	English	Comments
pH	5.0 - 7.0	5.0 - 7.0	
Viscosity	5.0 - 6.0 cP @Temperature 20.0 °C	5.0 - 6.0 cP @Temperature 68.0 °F	4% solids aqueous solution, Hoeppler falling ball method
Ash	<= 0.50 %	<= 0.50 %	Dry basis calculated as % Na ₂ O
Collected Volatile Condensable Material	<= 5.0 %	<= 5.0 %	

Descriptive Properties	Value	Comments
Hydrolysis	87-89%	Mole percent hydrolysis of acetate groups, dry basis

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