

67020 Polyvinyl Acetate 30

General Information

Polyvinyl acetate 30 is a low molecular weight, solid polyvinyl acetate. It is designed for use in solvent based coatings, inks and adhesives or melt extrusion systems. It can also be used as a low profile additive in unsaturated polyester composites, typically pultrusion and BMC processes.

Properties

Total solid content	> 99.0 %	Methode: MTP1
Viscosity, 20 % in ETAc, 20°C	17 – 25 mPa·s	Methode: MTP4
Typical softening point	105 – 125°C	
Typical molecular weight	85000 Da	
Glass transition temperature Tg	36°C ± 2°C	
Appearance	solid, colorless granules	

Application Advice

Polyvinyl Acetate 30 is soluble in many organic solvents such as esters, ketones, aromatic hydrocarbons and lower alcohols.

Melt is thermoplastic and will gradually soften and flow with increasing temperature. At temperatures > 120°C, the polymer can be mixed as received with EVA resins to formulate thermomouldable fabrics. Resins with a higher vinyl acetate content generally show better compatibility. Heat activated coatings and adhesives can also be easily formulated.

Has a very high light stability.

Storage

To prevent sticking of the polymer granules the product should be stored in dry conditions, below +20°C (+68°F) out of direct sunlight.