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Technical Data Sheet

UV Absorber SH-UVP30

1.Description

UVP30 is a modified polyester pre-polymer. Mainly used as the main binder for UV offset ink which can provide good film formation and good chemical / mechanical resistance. This pre-polymer can also provide good printability, flowability, water balance and flexibility while used in ink. The adhesion on various substrate is enhanced which comes the special chemical structure. This pre-polymer can be an alternative to the DAP A resin(from DAISO), and can provide similar performance while used in UV offset ink.

2.Technical Specification

Item	Spec
Appearance	Yellowish past
Viscosity (Pa.s/25℃ , brookfield)	150-300
Acid value (mgKOH/g)	<15
Molecular weight(Dalton)	5000-8000
Density (g/ml)	1.2

3.Performance:

Film formation and less shrinkage; High curing speed;Chemical resistance(acid/alkali);Compatible with various UV monomer;Pigment wetting;Ink transfer; Stability to temperature;Heat Resistance

4.Application

Binder for UV curing Offset ink,UV coating,clear lacquer

5.Storage and Packing

200 kg/drum;

Avoid high temperature, shelf life is one year while under room temperature. Please refer to the MSDS for the operation.