



PolyJet

White Dispersion

Technical Data Sheet

Dispersion: PolyJet is processed using advanced technology and techniques to achieve the submicron particle size needed for inkjet application as well as optimum color development. The pigment was selected to provide vibrant color with excellent durability. The carrier makes this pigment dispersion perfect for UV inks and provides an exceptional balance between hardness and flexibility which allows for versatility in formulating. The low viscosity of this product can be beneficial to obtain the desired inkjet viscosity. This formulation has shown excellent stability properties.

Pigment: PolyJet was formulated using fifty percent rutile titanium dioxide. This high quality titanium dioxide not only delivers excellent color and is rated 7-8 for lightfastness(gray wool scale 1-8), but also provides for outstanding weather durability with no chalking or yellowing.

Carrier: The carrier for PolyJet is a monofunctional monomer that exhibits excellent flexibility while still retaining good hardness and durability.

Application: PolyJet is designed for inkjet grade UV inks. The product needs no additional milling. This pigment dispersion should be premixed prior to use. It is recommended to add the dispersion while the ink is mixing.

Summary:

Carrier	Pigment	%Pigment	4 week Stability 52°C	Average Particle Size (nm)	Average Viscosity (cp)
Monofunctional acrylate	White	50	Pass	250	130