

SCD 1040: Oil-Free Polyester Resin

DESCRIPTION

SCD 1040 is designed specifically for low VOC finishes. Proper formulation achieves high pigment loading, VOC of less than 3.0 pounds/gallon and application with conventional spray equipment. SCD 1040 has good compatibility with alkyds and acrylics when used as a modifier to improve dry film properties.

PERFORMANCE

EXCELLENT Gloss, Hardness, and Mar Resistance
 GOOD Flexibility, Viscosity Reduction

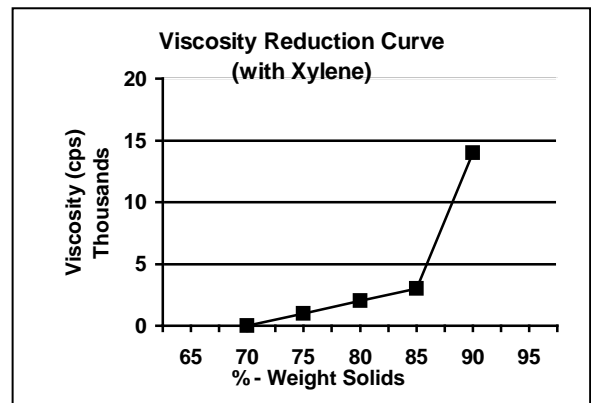
USES

- High Solids Two Component Urethanes
- High Solids Baking Enamels
- Machinery Coatings
- Metal Furniture
- Appliances
- Automotive OEM
- Metal Decorating

RECOMMENDED CROSSLINKERS

Crosslink with melamines or isocyanates.

TYPICAL ANALYSIS	
% Resin	100
% Solvent	0
Solvent	None
Viscosity (G-H)	Z5-
Color (Gardner)	<1
Density (lbs./gal.)	9.6
Acid No. (Neat)	3.0
Molecular Weight	700
Hydroxyl Number (Neat)	275
Hydroxy Equiv. Wt. (Neat)	204
Hydroxyl Content (wt.-%, neat)	8.3
Determined % NVM	91.3



Note: SCD 1040 appears in the EPA Toxic Substance Control Act Chemical Substance Inventory. The information and recommendations contained herein are based on data believed to be correct. However, it is not to be taken as a warranty or guarantee for which we assume legal responsibility nor as permission or recommendation to infringe any patented invention without a license. The information is offered solely for the customer's consideration, investigations, and verification. The manufacturer's only obligation shall be to replace such quantity of the product proven to be defective.