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“Differentiation through polymer design”



An ISO 9001:2015 Certified Company

TEC 33100-F: Saturated Polyester

DESCRIPTION

TEC 33100-F is a saturated polyester resin modified with fluorine, which allows for long term anti-graffiti properties. The product is supplied in propylene glycol monomethyl ether acetate (PMA).

APPLICATION

TEC 33100-F polyester is used as a co-reactant for aliphatic or aromatic polyisocyanate two-component coatings. Formulations using TEC 33100-F polyester and polyisocyanate have coating application where light stability and weatherability coupled with good chemical and abrasion resistance is needed.

Appropriate substrate preparation is recommended where metal, concrete, wood, plastics, and paper substrates are coated using TEC 33100-F formulations.

RECOMMENDED CROSSLINKERS

Melamines or Isocyanates

RECOMMENDED POTLIFE EXTENDERS

2,4-Pentanedione

TYPICAL ANALYSIS	
% Non-Volatile (NV)	69 ±3
Solvent (PM Acetate)	28-34%
Acid Number (As Supplied)	≤ 3.5
Hydroxyl Number (As Supplied)	170-200
G-H Viscosity	Z3 to Z6
Density (lbs./gal.)	9.35 – 9.55
Color (Gardner)	≤ 2
% Water	≤ 0.2

Note: TEC 33100-F 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.