



PRODUCT INFORMATION

Urethane; Polyurethane: Solventbased Aliphatic Polyester Lacquer

QC4830

PRODUCT DESCRIPTION

QC4830 is an aliphatic polyester urethane with physical properties that are ideal for a wide variety of surface coating applications. It has excellent abrasion and weathering resistance.

QC4830 cures by solvent evaporation. The resulting dried film exhibits excellent tensile strength, elongation, abrasion resistance and both light stability and hydrolytic stability.

DILUTION SOLVENTS

Xylol and PM Solvent

APPLICATIONS

- Ink & Paint Binder
- Base Coat for Screen Printing
- Clear Hard Top Coat

APPLICATION: Automotive interior trim panels

Compatible with aqueous resins.

Gloss reduction is proportional to the QWF2807 addition level.

Addition into the base coating formulations should be made under mild agitation to prevent excessive foaming.

QWF2807 shows minimum syneresis and settling but should be mechanically mixed before its use. If necessary, water may be used for thinning.

TECHNICAL INFORMATION:

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|-------------------|---|
| % Solids | 23% ± 1.5 |
| Viscosity, @ 25°C | 2,000 ± 750 cps |
| Wt. /Gallon | 7.9 lbs ± .1 |
| Appearance | Clear Liquid |
| Solvent System | P.M. Solvent, Xylene, Ethanol & Isopropyl Alcohol |
| Dilution Solvent | Xylene & Isopropyl Alcohol |

Typical Properties:

| | |
|-------------------------|------------------|
| Tensile ¹ | 6000 – 10000 psi |
| Modulus @ 100% | 1400 – 1500 psi |
| Modulus @ 200% | 1900 – 2000 psi |
| Modulus @ 300% | 3700 – 3800 psi |
| Elongation ¹ | 400 – 450 psi |

TEST METHODS (ASTM Method)

% Solids - D-2369 Viscosity - D-2196 Tensile - D-41 Wt/Gal - D-1475 Elongation - D-412 Appearance – E-284

¹Instron tester; films pulled at 2 inches per minute

The information contained here is provided for product selection purposes only and is not to be considered specification or performance data. Under no circumstance will the