

Tra-Con Tra-Coat WCC2A Clear Dual-Cure Semi-Flexible Adhesive

Category : Polymer , Adhesive , Thermoset

Material Notes:

WCC2A is a clear, non-yellowing, dual-cure (UV and Heat) nameplate coating that is ideal for applications that require a glossy, "lens-like" finish. This photopolymer will also offer low shrinkage during cure and excellent stability thereafter. WCC2A is a semi-flexible material that offers excellent adhesion to many substrates including glass, most metals, and many plastics. WCC2A has been used successfully in the lamination of nameplates, badges, labels, coating of plastic parts and also bonding applications in liquid crystal displays, fiber coating, and other optical end products. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Coat-WCC2A-Clear-Dual-Cure-Semi-Flexible-Adhesive.php

| Physical Properties | Metric | English | Comments |
|---------------------|----------|----------|------------------------|
| Viscosity | 10000 cP | 10000 cP | Mixed (cp #52, 20 rpm) |

| Mechanical Properties | Metric | English | Comments |
|------------------------|----------|---------|---------------------------|
| Hardness, Shore D | 70 | 70 | |
| Adhesive Bond Strength | 5.52 MPa | 800 psi | Lap shear, glass to glass |

| Thermal Properties | Metric | English | Comments |
|---------------------------|---------|---------|-------------|
| Glass Transition Temp, Tg | 40.0 °C | 104 °F | Ultimate Tg |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|---------------------------------|
| Transmission, Visible | 90 % | 90 % | clear; thickness not quantified |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Color | Clear | |

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