



Chemline X-7250

Polyurethane Compound

Description

Chemline X-7250 is a clear polyurethane compound for use on decals, labels, emblems, and other decorated substrates. It is a low viscosity material with excellent flow and is suitable for potting solar cells.

Processing

Chemline X-7250 should be mixed thoroughly by a static mixer, or by hand, with a clean spatula in a clean disposable container such as a polypropylene beaker or plastic lined hot drink cup.

Storage

Both materials must be protected from moisture. Storage temperatures should be ambient. In storage, containers should be tightly closed since this material is moisture sensitive. Material should be warmed to 90-110°F prior to use. With proper storage practices, the shelf life of **Chemline X-7250** is 6 months or more.

Safety

Chemline X-7250 is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. Be sure to read SDS in its entirety prior to use. Contains aliphatic diisocyanate and polymeric isocyanates.

Properties of Components

Property	Clear Polyol	Aliphatic Iso
Mixing Ratio (by volume)	1	1
Mixing Ratio (by weight)	49	51
Specific Gravity	1.025	1.10
Density lbs/gal	8.53	9.13
Viscosity @ 100 °F	75-200 cps	100-600 cps
Acid Value	Less than 0.15%	
Hydroxyl Value	260-280	-
Gel Time	7-9 minutes	
Cure Time	100-200°F (4-24 hours)	

Cured Elastomer Properties

Property	Value
Hardness, D-2240	Shore A 85-90 Shore D 40-45
Humidity Resistance	7 days 100% RH @ 100°F
Heat Aging	7 days @ 185°F, no change

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

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Chemline, Inc. • 5151 Natural Bridge Rd. • St. Louis, MO 63115 • Phone: (314) 664 - 2230

• 19500 S. Alameda St. • Los Angeles, CA 90221 • Phone: (310) 764 - 0820

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