

Morphomer™ X2-31



MetamorphicMaterials

Transformative Technologies

ALIPHATIC URETHANE ACRYLATE

DESCRIPTION

X2-31 is a d1 functional aliphatic polyether based urethane acrylate oligomer which contributes toughness to cured films. It offers excellent abrasion resistance and rapid cure. Aliphatic X2-31 is non-yellowing and has excellent resistance to hydrolysis and many chemicals. It is produced without intentionally added tin.

PERFORMANCE PROPERTIES

- Adhesion
- Good Water Resistance
- Excellent Weatherability
- Low Shrinkage
- Good Toughness

SUGGESTED APPLICATIONS

- Adhesives
- Abrasion Resistant Coatings
- Floor Coatings
- Overprint Varnishes

X2-31	
TYPICAL PHYSICAL & CHEMICAL PROPERTIES	
Appearance	Clear liquid
Refractive Index	1.475
Functionality	2.0
Color, APHA	30
Viscosity 50°C	18,000 cps
Specific Gravity	1.14