

Morphomer™ MR3-51



MetamorphicMaterials

Transformative Technologies

ALIPHATIC URETHANE ACRYLATE

DESCRIPTION

MR3-51 is a d1 functional aliphatic polyether urethane acrylate oligomer which contributes flexibility to cured films. It offers excellent elongation and low T_g . Aliphatic X3-51 is non-yellowing and has excellent resistance to hydrolysis and many chemicals.

PERFORMANCE PROPERTIES

- Adhesion
- Good Water Resistance
- Excellent Weatherability
- Low Shrinkage
- High Elongation

SUGGESTED APPLICATIONS

- Potting Compounds
- Laminating Adhesives
- Formed-in-place Gaskets
- Sealants

MR3-51	
TYPICAL PHYSICAL & CHEMICAL PROPERTIES	
Appearance	Clear liquid
Refractive Index	1.455
Functionality	2.0
Color, APHA	30
Viscosity 25°C	75,000 cps
Specific Gravity	1.14