

Morphomer™ MR-4116



MetamorphicMaterials

Transformative Technologies

ALIPHATIC URETHANE ACRYLATE

DESCRIPTION

MR-4116 is a di-functional aliphatic polyether based urethane acrylate oligomer which contributes toughness to cured films. It offers excellent abrasion resistance and rapid cure. Aliphatic MR-4116 is non-yellowing and has excellent resistance to hydrolysis and many chemicals.

PERFORMANCE PROPERTIES

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

SUGGESTED APPLICATIONS

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

MR-4116	
TYPICAL PHYSICAL & CHEMICAL PROPERTIES	
Appearance	Clear liquid
Refractive Index	1.493
Functionality	2
Color, APHA	30
Viscosity 25°C	wax (<1MM cps)
Specific Gravity	1.14