

# Morphomer™ XMR5-188



**MetamorphicMaterials**

*Transformative Technologies*

## BIOBASED ALIPHATIC URETHANE ACRYLATE

### DESCRIPTION

XMR5-153 is an aliphatic polyether urethane acrylate oligomer blended with 15 % PEG200DA. It has good hydrolytic stability, low shrinkage and moderate elongation. It forms a suitable base for adhesives and coatings.

### PERFORMANCE PROPERTIES

- Improves Adhesion
- Softness
- Hydrolytic Stability
- Low Shrinkage
- Non-yellowing

### SUGGESTED APPLICATIONS

- Adhesives
- Potting Compounds
- Gaskets
- Laminating

### BIO-BASED CONTENT

Contains 62 percent carbon of which 69.2% is biobased.

XMR5-188	
TYPICAL PHYSICAL & CHEMICAL PROPERTIES	
Appearance	Clear liquid
Refractive Index 25°C	1.475
Molecular Weight	2,900
Functionality	2
Color, APHA	10
Viscosity 25°C	75,000 cps
Specific Gravity	1.10