

Carboset® 3076

Aqueous Thermosetting Resin

PERFORMANCE COATINGS

PRODUCT DESCRIPTION

Carboset® 3076 is a carboxylated acrylic solution polymer based primarily on renewable resources. This thermosetting resin provides outstanding tensile properties and good solvent resistance with no formaldehyde emissions during the cure cycle. This material will provide excellent rigidity as a binder for wet laid fiberglass, constructions products, and insulation applications.

FEATURES/BENEFITS

- Formaldehyde free
- High level of renewability
Renewable content~85%
- Heat reactive thermoset polymer
- Surfactant free
- Excellent shear stability
- Excellent Strength properties
Tensile (dry, hot dry ,hot wet)
- Excellent Solvent resistance
Plasticizer tensile
- Reduced corrosion of metal vs. commercial acid derived thermosets

PHYSICAL CHARACTERISTICS*

Appearance	straw to amber colored liquid
Solids, weight%	45.0-48.0
Viscosity (# 3 spindle 60 rpm @ 25°C)	175-750
pH	3.0-3.8
Freeze-thaw stability	stable

*Typical physical properties not to be taken as specifications

TYPICAL APPLICATIONS

- Wet laid fiberglass-glass mat
- Construction and roofing products
- Fiberglass insulation binder
- Replacement of UF resins

RECOMMENDED RE-TEST DATE/STORAGE

Lubrizol recommends retesting the quality 12 months after the date of manufacture. Store unopened containers indoors at temperatures between 60° & 90° F.

REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request an SDS at www.lubrizolcoatings.com.

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