

Technirez® RME-30

Elastomer Modified Epoxy Resin

Description:

Technirez® RME-30 is a solid epoxy adduct of a solid diglycidyl ether of bisphenol-A epoxy resin and a carboxyl terminated butadiene acrylonitrile elastomer. RME-30 is epoxy functional and therefore compatible with all epoxy resins. The product offers low temperature melting and high elastomer content. RME-30 is easily dissolved in a variety of solvents such as MEK, toluene and xylene. Due to its high elastomeric content, significant improvements in impact resistance, thermal shock resistance and fatigue resistance may be seen when used alone or in combination with other epoxy resins.

Advantages:

- High elastomer content
- Good compatibility with epoxy resins
- High peel strength while maintaining shear strength
- Good thermal shock resistance
- Improved fatigue resistance
- High residual tack on film

Typical Applications:

- Composites such as prepregs
- Film and paste adhesives
- Powder coatings

Handling Precautions:

Refer to the product Safety Data Sheet

Typical Properties:

Appearance:	Tan chip or pellet
Softening point:	74°C
EEW:	1550
Elastomer content:	34%
Specific gravity @ 25°C:	1.1
Carboxyl content:	<0.01%
Capillary viscosity:	200 poise
(@ 100°C and 400/s shear rate)	

A&C Catalysts, Inc.

1600 W. Blancke St. Linden, NJ 07036 Tel: (908) 474-9393 Fax: (908) 474-9388 www.ac-catalysts.com

A&C Catalysts, Inc. is not responsible for the use of the information, and no warranty is made of the merchantability or fitness of any product. Purchasers of any product must determine whether the product is acceptable for their particular purpose, under their own operation conditions. Nothing herein waves any of A&C Catalysts Inc. conditions of sale. Nothing herein shall imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from its owner