

Ricon® 156 Maleinized Polybutadiene

Product Description

Ricon® 156 maleinized polybutadiene family of products uses Ricon® 156 polybutadiene as a starting material and adds functional groups to this backbone. The functional groups that are added can react with epoxy, amines and hydroxyls. The ability to react with these materials allows for the creation of unique sealants and epoxies.

Benefits/Features

- √ The polybutadiene backbone improves the moisture resistance of the final product.
- √ The liquid nature allows for easy mixing.
- √ The anhydride functional groups allow for adhesion improvement and compatibilization of polar and non-polar materials.
- √ Can be used in place of or in addition to, anhydrides typically used in anhydride based epoxy systems.
- √ The predominant unsaturation in the vinyl position in the backbone allows for increased crosslinking in peroxide systems.

Typical Uses

- √ Sealants
- √ Epoxy toughening
- √ Coatings
- √ Adhesives
- √ Compatibilizers

General Description

(not to be considered as a specification)

Appearance: Amber colored liquid
 Chemical Description: Maleinized Polybutadiene
 Percent Functional Group: 17%
 Molecular Weight (Mn): 2,500 g/mole
 Viscosity: 140,000 @ 55°C cps

Handling

To insure best performance, store at room temperature or below and keep free of moisture. Anhydrides are reactive and will develop a skin on the surface if allowed to contact a moist environment.

Ricon® 156 Maleinized Polybutadiene Standard Line of Products

Property	156MA17	Units
Molecular Weight (Mn)	2500	g/mole
Viscosity (@ 25°C)	140000**	cps
Number Functional Groups	3	
Anhydride Equivalent Weight	583	

** at 55°C

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