



SP-EA1004

Technical Data Sheet

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Elastomer Modified Solid Epoxy Adduct

SP-EA1004 is an elastomer-modified solid epoxy functional adduct. It is formed by reacting Bisphenol A solid epoxy (Type 4) with a carboxyl-terminated butadiene-acrylonitrile elastomer (CTBN). The CTBN elastomer has an acrylonitrile content of approximately 25%. The elastomer content is 30% by weight in the final product.

SP-EA1004 is used to improve fracture toughness, impact resistance, and strain to failure in heat-activated epoxy formulations. The use of SP-EA1004 can also help to improve adhesion to some substrates.

Specific Physical Form:	Granules
Color:	Amber
Shelf Life:	3 Years

Typical Properties:

Specific Gravity:	1.10 g/cc
Epoxy Equivalent Weight:	1,450 - 1,750 g/eq.
Viscosity at 212°F (100°C):	7,000 - 10,000 Poise
Melt Flow Rate at 248°F (120°C) and 1.2 kg	25 g/10 min.

Disclaimer:

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