

Reactive Diluent(XT1)

XT1 IS Reactive Diluents are epoxy group-containing functional products which are low viscosity glycidyl ethers that can react with the curing agents to become the part of the cross-linked epoxy system. Reactive diluents are mainly used to reduce the viscosity of the base resin based on Bisphenol A, F and EPN resins to improve handling and ease of processing in various applications. They are used in formulating solvent free paint and coating compounds as well as additives in combination with other polymers to improve adhesion, stabilization against degeneration reactions. They can be also used to optimize performance properties such as impact strength, adhesion, flexibility, filler-loading and solvent resistance of the epoxy system. XT1 Is Proper For Save Resin Properties.

The XT series of Reactive Diluents is the broadest available and in demand worldwide.

XT1 Reactive Diluents are Proper for three groups - Aliphatic, Aromatic and Cycloaliphatic. Xt1 Proper for different functional such as Mono-Functional, Di-Functional and Tri-Functional.

Grade	EEW ¹	Viscosity ²	Color ³	Features
xt1	220 - 300	5 - 10	0.5	C ₈ - C ₁₄ glycidyl ether - good diluent and morphology, improved impact strength and save total properties.

¹ Epoxy Equivalent Weight (grams / equivalent), ² Brookfield Viscosity @ 25°C (cPs), ³ Gardner Colour scale (max)