

TECHNICAL DATA SHEET

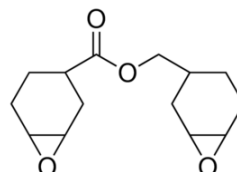
NAME OF COMMODITY: Cycloaliphatic Epoxy Resin 21S

Offset to: DOW UVR6110, UC ERL4221E, HUNTSMAN CY179

CAS NO.: 2386-87-0

MOLECULAR FORMULA: C₁₄H₂₀O₄

MOLECULAR WEIGHT: 252.31



STRUCTURE FORMULA:

TESTS	SPECIFICATIONS
Appearance	Pale Yellow to Colorless Liquid
Assay	90%
Weight Per Epoxide	128 - 145
Acidity	0.1% max
Color	100 APHA max
Water	0.05% max
Viscosity	180 – 450 cps

APPLICATION:

Epoxy Resin 21S is a general-purpose cycloaliphatic di-epoxide used principally with polyacid and anhydride cures. In particular, it provides good electrical loss properties and good weather resistance.

Uses include as an optical adhesive and photo curing agent for such as potting of optoelectronic devices, CD manufacturing, low-viscosity UV-curing printing inks etc.

Outdoor electrical and electronic include electrical casting and electronic encapsulation; especially for insulation encapsulation and adhesive bonding applications that require high resistance to thermal shock.

Epoxy Resin 21S is used in electrical and electronic products, civil construction, anti-corrosion coatings and other general application of Bisphenol-A epoxy resin. It is widely used in casting, winding, encapsulation, coatings, adhesives and other fields..

PACKING: net 200kg drums; 16mt / 20' fcl, palletized or ISO tank