

Diglycidyl 1,2-cyclohexanedicarboxylate

Synonyms: 812 Reactive Diluent

Cas No: 5493-45-8

Annual supply: 1000MTs

MW: 284



Specification:

Item	Standard
Appearance	Colorless or pale yellow liquid
Density (25°C)	1.22
Flash Point	189°C
Boiling Point (760mmHg)	500.5°C
Color(APHA)	≤100
Viscosity mPa.s (25°C)	300-1200
Epoxy Value(Eq/100g)	0.55-0.65
Epoxy Equivalent Weight(g/eq)	153-182
Hydrolyzable Chloride(%)	≤ 1.5
Inorganic Chlorine(mg/kg)	≤ 20
Moisture Content(%)	≤ 0.1
Packing	25 kg/drum or 200 kg/drum, or 1000kgs/ IBC container

ZXCHEM

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■ Product Applications:

1. 812 has a saturated structure, excellent weather resistance, the finished product will not crack or yellow, electricity decomposition when carbon dioxide and water, but not like aromatic resin produced graphite caused short circuit, curing material crosslinking density great toughness, uv and arc resistance good, thermal stability.
2. Low viscosity, good fluidity, less or no organic solvent used in processing, low chlorine content, especially suitable for insulating materials with high electrical performance requirements, good insulation at high temperature and strong resistance to arc and leakage.
3. Heat curing and curing light, fast curing, curing shrinkage rate is low, curing crosslinking density is big, $T_g > 200\text{ }^\circ\text{C}$. It is mainly used in LED packaging, insulation sealing, mold casting, metal surface bonding, adhesive, composite, photocuring ink and coating

■ Product Description:

812 has a saturated structure, excellent weather resistance, the finished product will not crack or yellow, electricity decomposition when carbon dioxide and water, but not like aromatic resin produced graphite caused short circuit, curing material crosslinking density great toughness, uv and arc resistance good, thermal stability.

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