



SP 300 Epoxy Resin Data

SP 300 is a liquid, unmodified bisphenol A- epichlorohydrin epoxide resin which is light straw-color has medium viscosity. SP 300 is one of the most standard liquid resin which can be cured with amine, anhydride, polyamide, or other hardeners depending upon desired and properties. The products have excellent chemical resistance, superior physical and electrical properties, maximum heat resistance and excellent adhesion. SP 300 can be cured at room or elevated temperatures depending upon choice of hardener.

1. Specification

Weight per Epoxy Equivalent (W P E)	182 – 192
Viscosity, Brookfield, cps, 25 °C	11,000 – 15,000
Color, (APHA)	<30
Specific Gravity	1.15 –1.18
Nonvolatile %wt	99.7 min
Chlorine,Hydrolyzable,ppm	<1000

2. Application

Protective Coating
Casting, potting & Encapsulation for Electrical Components
Laminating
Tooling
Civil Engineering
Adhesive

3. Package

6 kg plastic bags , 15 kg tin , 220 kgs net weight in new iron drum.

4. Storage

SP 300 should be stored in dry conditions away from the resin may have a storage life of at least one year.