



## DESCRIPTION

CS-783 is a methacrylated epoxy functional hybrid cyclosiloxane monomer. This unique monomer can be used in free-radical polymerization as well as epoxy related cures. The monomer is used primarily as an adhesion promoter to mold compound, metal surfaces, and polyimide surfaces. It can also act as a multifunctional diluent. The monomer is soluble in most resins.

## HIGHLIGHTS

- Dual cure mechanism
- Multifunctional
- UV curable
- Low chloride
- Low viscosity

## TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

| PROPERTY                        | METHOD          | RESULT        |
|---------------------------------|-----------------|---------------|
| Appearance at Room Temperature  | Visual          | Yellow liquid |
| Viscosity @ 25°C (typical)      | Haake Rheometer | 400 cP        |
| Epoxy Functionality             |                 | 2-4           |
| Methacrylate Functionality      |                 | 1-2           |
| Average Molecular Weight        |                 | 783 daltons   |
| Average Epoxy Equivalent Weight |                 | 261           |
| Recommended Storage Temp        |                 | +5°C or below |

*Data is for reference only and may vary depending on testing method used. The structure shown above is an idealized representation of a statistical distribution.*

## RECOMMENDED FORMULATION USE:

CS-783 is recommended for use as an adhesion promoter to mold compounds and metal substrates. Typical addition levels are 1-5% of the total resin. CS-783 can also be used for standard epoxy curatives, catalysts, B-staged and/or hybrid adhesives.

## CONTACT:

### REQUEST A SAMPLE OR PLACE AN ORDER

Customer Support

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