



EPICLON[®] Distilled Type Epoxy resins

BPA type and/or BPF type epoxy resins

General description

This technical data sheet describes distilled type epoxy resins of Bisphenol A (BPA) type and/or Bisphenol F (BPF) type offered by DIC. These epoxy resins have lower viscosity and higher purity than conventional BPA or BPF type, so they are suitable for highly advanced liquid encapsulate, conductive paste and coating materials and so on.

Typical Properties of DIC distilled type epoxy resins*

Resin	Epoxy Equiv. Wt. (g/eq)	Viscosity 25°C (mPa·s)	Total Chloride (ppm)	Comments
EXA-850CRP	172	4,500	600	Bisphenol A type; Compared with conventional BPA type, its viscosity and impurity chloride are reduced to be suitable for electronics applications such as liquid encapsulant.
EXA-830CRP	159	1,300	800	Bisphenol F type; Compared with conventional BPF type, its viscosity and impurity chloride are reduced to be suitable for electronics applications such as liquid encapsulant. It's viscosity is lower than EXA-850CRP.
EXA-835LV	165	2,300	700	Bisphenol A/F type; General molecular distilled type is easy to crystallize due to its too high purity. EXA-835LV is restrained crystallization by mixing BPA type and BPF type, to improve workability
EXA-830LVP	160	1,500	750	Bisphenol A/F type;

* Typical properties; not to be construed as specifications.

Storage

EPICLON[®] distilled epoxy resins have a shelf-life of at least 6 month if it is stored in a cool, dry area. These products can crystallize at ambient temperature.