



ISO-9001  
ISO-14001



**KUKDO**  
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## YD-114EF Low Viscosity Epoxy Resin

### General Description

EPOKUKDO YD-114EF is a Bisphenol-A/F type liquid Epoxy Resin diluted with aliphatic glycidyl ether(C<sub>12</sub>-C<sub>14</sub>). YD-114EF is recommended for non-solvent system or low VOC coating system and has excellent mechanical properties, chemical resistance and non-toxic minimum odor. YD-114EF is generally used in solvent free coating, floor coating, trowelling application, crack injection systems, adhesives, decoupage system and high solids or low VOC industrial coatings.

### Packaging

20kg Can or 200 Kg D/M (Net weight)  
Bulk in Tank

### Resin Properties

Item	YD-114EF	Test Method
EEW(g/eq)	180-200	KD-AS-001
Viscosity(cps at 25°C)	700-1,200	KD-AS-005
Hy-Cl(wt.%)	0.1 max.	KD-AS-010
Specific Gravity <sup>*1</sup> (20°C)	1.14	KD-AS-040
Color(G)	1.0 max.	KD-AS-025

\*1 Reference data

### Starting Formulation

Components	Part by Weight
YD-114EF	75
PG-207P	25
Jeffamine D-230(Huntsman,KUKDO)	27
Jeffamine A-399(Huntsman,KUKDO)	3
Nonyl Phenol	3

### Application Condition

Mixing Ratio	Resin/Hardener = 3/1
Pot life	55 min (25°C 100g scale)
Curing condition	24 hrs at room temp. or 2 hr at 80°C