EC 122R EPOXY CURING AGENT

DESCRIPTION
Epoxycure 122R is a modified amine developed for use as a fast cure ambient temperature hardener for liquid epoxy resins. EC 122R exhibits good chemical resistance against mineral and organic acids.

ADVANTAGES
Benzyl alcohol free
Low viscosity
Very fast cure (11-13 minutes in 150 gram mix)
Lower temperature cures possible
2.5 hour thin film set time

APPLICATIONS
Epoxy floor systems in cold, damp environments
Patching compounds
Accelerator for slower epoxy hardeners
Crack injection compounds

STORAGE LIFE
24 months from date of manufacture
Store at 77°F away from excessive heat
And humidity in tightly closed containers

HANDLING PRECAUTIONS
Refer to Safety Data Sheet for EC 122R

TYPICAL PROPERTIES
Color (Gardner) >1
Viscosity at 25°C, cP 180-200
Density 25°C 1g/cm³ .96
Equivalent Weight [H] 75
Loading Ratio 40
(parts per 100 parts of 190 EEW epoxy resin)
Gel Time at 25°C, min 11-13
Initial Mixed Viscosity 850
25°C, cP

MECHANICAL PROPERTIES
(7 day cure at 77°F) Value
HDT, Post Cure, °F 170
HDT, Room Temperature 158
Cure, °F
Elongation at Break, % 8,000
Compressive Strength, psi 6,800
Flexural Strength, psi 9,000
Tensile Strength, psi
Volumetric Shrinkage, % 3.4
Hardness, Shore D 88
Izod Impact, ft-lbs/in 1.12
Thin Film Set Time 2.5 hrs
Through Cure 12 hrs

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