

Epoxyure Corp.

EC 122R EPOXY CURING AGENT

DESCRIPTION

Epoxyure 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/cm ³	.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)	<u>Value</u>
HDT, Post Cure, °F	170
HDT, Room Temperature	158
Cure, °F	
Elongation at Break, %	
Compressive Strength, psi	8,000
Flexural Strength, psi	6,800
Tensile Strength, psi	9,000
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