EC 422A EPOXY CURING AGENT

DESCRIPTION
Epocure 422A is an IPDA/TMD based amine blend adduct used as an ambient temperature hardener with Bis A or F liquid epoxy resins. Light color and moisture insensitivity make it ideal for use in self-leveling Floor mortars

ADVANTAGES
Low viscosity
Excellent flow & leveling
Ideal working time
High Strength & Modulus
Blush resistant films

APPLICATIONS
Self-level floor toppings
Grouts and adhesives
High filler floor mortars
Chemical resistant coatings

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 422A

TYPICAL GARDNER PROPERTIES
Color (Gardner) <1
Viscosity at 25°C, cP 140
Density 25°C 1g/cm³ 0.99
Equivalent Weight/ [H] 92
Loading Ratio 50
(parts per 100 parts of 190 EEW epoxy resin)
Gel Time at 25°C, min 34
Initial Mixed Viscosity 1,000
25°C, cP

MECHANICAL PROPERTIES
(7 day cure at 77°F) Value
HDT, Post Cure, °F 150
HDT, Room Temperature 126
Cure, °F
Elongation at Break, % 9.55
Compressive Strength, psi 10,000
Flexural Strength, psi 12,200
Tensile Strength, psi 8,100
Flexural Modulus, psi 450,00
Hardness, Shore D 84
Cured Density, g/cm³ 1.149
Thin Film Cure Time 4 hrs
Through Cure 6 hrs

Epocure Corp. • 600 Reed Road, Suite 103 • Broomall, PA 19008
Toll Free Tel.: (866) 337-1977

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