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TECHNICAL DATA SHEET
RF 14
MODIFIED POLYAMINE HARDENER

Description

RF 14 is a standard polyamine (TETA) curing agent for use with liquid epoxy resins. It provides rapid cures at ambient temperature, excellent chemical resistance and intermediate temperature resistance. Compared with DETA, it has a lower vapor pressure, is somewhat less hygroscopic and does not carbamate as readily.

Handling Properties, Typical *

Property	RF 14
Mix Ratio: by Weight by Volume	100:14
Amine Equivalent Weight	27
Color (Gardner)	1 max
Viscosity @ 77°F (25°C), cps	20
Pot Life, 100 grams @ 77°F (25°C)	30 min
Cure Schedule	3-5 days @ 77°F

Physical Properties, Typical Cured Performance *

** Property	Test Method	Unit	Value
Glass Transition Temperature	TMA	°C	120
Tensile Strength	ASTM D638	psi	9,500
Tensile Modulus	ASTM D638	kpsi	
Tensile Elongation	ASTM D638	%	

** Cure: 5 days at 77°F

* All properties are with 190 EEW Bisphenol A epoxy

SAFETY INFORMATION: See Materials Safety Data Sheet for RF 14 for proper storage and handling.

Notice to Buyer: Exclusion of Warranties and Limitation of Liability

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Revised: D. Soden 10-08-2015