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TECHNICAL DATA SHEET
RF 61
LOW VISCOSITY POLYAMIDE HARDENER
(Replaces Versamid 140)

Description

RF 61 is a standard, low viscosity, polyamide resin for ambient curing of epoxy resins. It is intended as an equivalent “drop-in” for Versamid 140 and can be used without formulation changes. When mixed at stoichiometric ratio it cures to a hard, durable, moisture and chemical resistant plastic. The ratio can be extended to 1:1 by weight to improve flexibility. RF 61 complies with FDA 21 CFR 175.300, 21 CFR 176.170 and 21 CFR 175.105.

Handling Properties, Typical *

Property	VERSAMID 140	RF 61	
Mix Ratio: by Weight by Volume	100:52	100:53	
Amine Equivalent Weight	97	100	
Viscosity @ 77°F (25°C), cps	8,000 – 12,000	8,000 – 12,000	
Pot Life, 100 grams @ 77°F (25°C), min	210	200	
Cure Schedule @ 77°F (25°C)	3 - 5 days	3 - 5 days	

Physical Properties, Typical Cured Performance *

** Property	Test Method	Unit	V 140	RF 61	
Al - Al Lap Shear	ASTM D1002	psi	3,600	3,500	

** Cure: 5 days @ 77°F

* All mixed properties are with standard Bisphenol A epoxy, 190 EEW

SAFETY INFORMATION: See Materials Safety Data Sheet for RF 61 for proper storage and handling.

Notice to Buyer: Exclusion of Warranties and Limitation of Liability

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information, the data upon which the same is based, or the results to be obtained from the use of such information or product will not infringe any patent.

Revised: D. Soden 08-19-2015