

**ANCAMINE<sup>®</sup> 2264****Curing Agent****DESCRIPTION**

Ancamine 2264 is a polycycloaliphatic polyamine designed for use in the elevated temperature cure of epoxy resins. The low viscosity and relatively long pot-lives at moderate temperatures coupled with the excellent mechanical properties and high heat resistance following cure make Ancamine 2264 an ideal alternative to aromatic diamines. Applications for Ancamine 2264 include filament winding, laminating, casting and tooling.

**TYPICAL PROPERTIES**

Property	Value	Unit
Appearance	Free flowing light brown liquid	
Colour	8	Gardner
Viscosity @ 25°C	1400 - 2100	mPa.s
Specific Gravity @ 25°C	0.995	
Flash Point (closed cup)	> 108	°C
Equivalent	54	Wt/{H}

**SHELF LIFE**

At least 24 months from date of manufacture in original sealed container stored undercover at ambient temperature away from excessive heat and humidity.

**STORAGE AND HANDLING**

Refer to the Safety Data Sheet for Ancamine 2264 curing agent.

## TYPICAL HANDLING PROPERTIES

Property	Value	Unit
Mixed Viscosity at 25°C poise	63	
Gel Time (150g mix at 25°C)	140	mins

## TYPICAL CURE SCHEDULE

2 h at 80°C plus 3 h at 150 °C

## TYPICAL PERFORMANCE PROPERTIES (FOLLOWING 2 H AT 80°C PLUS 3 H AT 150°C)

Property	Value	Unit
Tensile Strength	71	N/mm <sup>2</sup>
Tensile modulus	2.52	KN/mm <sup>2</sup>
Elongation @ Break	4.6	%
Flexural Strength	115	N/mm <sup>2</sup>
Flexural Modulus		KN/mm <sup>2</sup>
Glass Transition Temp	164	°C

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