

**ANCAMINE® 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.

**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 PROPERTIES**

<b>Appearance</b>	Free flowing light brown liquid
<b>Colour (Gardner)</b>	8
<b>Viscosity @ 25°C [mPa.s]</b>	2100-2800
<b>Specific Gravity @ 25°C</b>	0.995
<b>Flash Point (closed cup)°C</b>	>108
<b>Equivalent Wt/{H}</b>	54

**TYPICAL HANDLING PROPERTIES**

<b>Mixed Viscosity at 25°C poise</b>	63
<b>Gel Time (150g mix at 25°C), [mins]</b>	140

**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)**

<b>Tensile Strength, N/mm<sup>2</sup></b>	71
<b>Tensile Modulus, KN/mm<sup>2</sup></b>	2.52
<b>Elongation @ Break (%)</b>	4.6
<b>Flexural Strength, N/mm<sup>2</sup></b>	115
<b>Flexural Modulus,KN/mm<sup>2</sup></b>	
<b>Glass Transition Temp, °C</b>	164

Epoxy Curing Agents and Modifiers

# ANCAMINE® 2264 Curing Agent

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