

# CURING AGENTS FOR COMPOSITES



++ Best Choice  
+ Alternative Use

Product	PROCESSING BENEFITS					PRODUCT PROPERTIES			ECONOMICS	APPLICATION/ PROCESS TECHNOLOGY			
	Fast Curing	Low-Temperature Cure	Low Viscosity	Long Potlife/Latency	Low Exotherm	Temperature Stability/Tg	Mechanical Strength	Chemical Resistance		Filament Winding/Pultrusion	Resin Infusion (RTM)	Wet Lay-up	Prepreg/SMC
Amicure® CG-1200G				+					+				++
Amicure® UR2T	++			++						++			++
Ancamine® 500			++	+	++				++	++			
Ancamine® 506			++	++	++				+	++			
Ancamine® 1769	+	++						++				++	
Ancamine® 2014 AS	+												++
Ancamine® 2014 FG	++									++			+
Ancamine® 2167			++	+		++	++	++		++			
Ancamine® 2264				+		++	++	++		++			
Ancamine® 2337S		++											++
Ancamine® 2422	++							++			++	++	
Ancamine® 2441				++		++							++
Ancamine® 2442				++		++							++
Ancamine® DL-50*				+		++		++	++	++			+
Ancamine® K54	+								++	++	++		++
Ancamine® K61B				++	++					++			++
Anchor® 1040			++			+				++			
Anchor® 1115			++			++				++			
Curezol 2MZ Azine 10µm				++		++				++			++
Dicyanex® 1400B	++			+									++
Imicure® EMI-24						++				++			++

\* not in EU

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Product	Appearance	Viscosity (mPa.s@25C)	AHEW (amine hydrogen equivalent weight)	Use Level (PHR)	Gel Time
<b>Amicure® CG-1200G</b>	white powder	-	21	4 - 15	12 - 18 months
<b>Amicure® UR2T</b>	white powder	-	-	0.5-3.0	6 min (135°C)
<b>Ancamide® 500</b>	amber liquid, max 10 Gardner colour	200-450	90	50	40 min
<b>Ancamide® 506</b>	amber liquid, max 12 Gardner colour	200-500	110	50	400 min
<b>Ancamine® 1769</b>	clear liquid, max 4 Gardener colour	600-900	48	25 - 30	24 min
<b>Ancamine® 2014 AS</b>	white powder	-	-	25 - 30	25 min (1g at 77°C)
<b>Ancamine® 2014 FG</b>	white powder	-	-	25	25 min (1g at 77°C)
<b>Ancamine® 2167</b>	clear liquid, max 3 Gardener colour	210	53	28	210 min
<b>Ancamine® 2264</b>	amber liquid, max 8 Gardner colour	2,100 - 2,800	54	29	140 min
<b>Ancamine® 2337S</b>	light yellow powder	-	-	45	2.7 min (80°C)
<b>Ancamine® 2422</b>	clear liquid, max 3 Gardener colour	1,500 - 2,500	49	26	-
<b>Ancamine® 2441</b>	white powder	-	-	20	-
<b>Ancamine® 2442</b>	white powder	-	-	20	-
<b>Ancamine® DL-50</b>	light brown liquid, max 18 Gardner colour	1,400 - 2,000 (60°C)	51	28	480 min
<b>Ancamine® K54</b>	amber liquid, max 6 Gardner colour	120-250	-	5 - 15	45 min
<b>Anchor® 1040</b>	orange liquid, max 12 Gardner colour	10,000- 20,000	-	7 - 12	6 - 10 weeks
<b>Anchor® 1115</b>	brown liquid, max 17 Gardner colour	1,700	-	5 - 10	6 - 10 weeks
<b>Curezol 2MZ Azine 10<sub>μ</sub>m</b>	white powder	-	-	6 - 8	45 days
<b>Dicyanex® 1400B</b>	white powder	-	21	4 - 15	12 months
<b>Imicure® EMI-24</b>	amber liquid, max 18 Gardner colour	5,000 - 7,000	-	1 - 5	19 min to 10 Pas (80°C)

**Viscosity:**  
Brookfield RVTD,  
Spindle 4

**Use level:**  
As sole curing agent;  
With BADGE (EEW=190)

**Gel time:**  
Techne GT-3 gel timer,  
150g mix at 25°C  
(unless indicated otherwise)

## EVONIK RESOURCE EFFICIENCY GMBH

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**For Technical Information, Support and Samples:**  
[www.evonik.com/crosslinkers-contacts](http://www.evonik.com/crosslinkers-contacts)

## Disclaimer

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