

# Curezol 2MZ-AZINE Ground

## Curing Agent

### DESCRIPTION

Curezol<sup>®</sup> 2MZ-Azine Ground is a micronised solid modified imidazole designed for use as a latent curing agent/curing accelerator for epoxy resins. When used as sole curing agent it displays long pot lives. When used as a cure accelerator for anhydrides and dicyandiamide the excellent electrical, mechanical and chemical resistance properties produced make the product of use in the formulation of structural adhesives, solder resist inks and insulating paints and powders.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	White Micronized Powder		
Melting Point	248-258	°C	
Purity	97.0	%	
Molecular Weight	219	g/mol	
Recommended use Level	6-8	PHR	With Bisphenol A diglycidyl ether (EEW=190)

### ADVANTAGES

- Long latency
- High heat distortion temperature

### APPLICATIONS

- Standard adhesives
- Solder resistant inks
- Pre-pregs

### SHELF LIFE

At least 36 months from the date of manufacture in the original sealed container at ambient temperature.

### STORAGE AND HANDLING

Refer to the Safety Data Sheet for Curezol<sup>®</sup> 2MZ-Azine Ground curing Agent.

## TYPICAL HANDLING PROPERTIES ( 7 PHR)

Property	Value	Unit	Method
<b>Gel Time</b>			Techne GT-3 Gelation Timer
(200g mix at 25°C)	45	days	
(200g mix at 70°C)	600	min	
(200g mix at 100°C)	30	min	
<b>DSC Activation Temperature</b>	145	°C	Heating rate 10°C/min
<b>Typical cure schedule</b>	2h @ 80°C + 4h @ 150°C		

## TYPICAL PERFORMANCE PROPERTIES \*

Property	Value	Unit	Method
<b>Heat Distortion Temperature</b>	156	°C	ASTM D648

\* 2 h @ 80°C plus 4 h @ 150°C

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### Disclaimer

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