Technical Data Sheet

Accelerator Metacure® AC101

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Product Description

Metacure® AC101 is a low-viscosity accelerator based on a tertiary amine that is suitable for epoxy resin systems. It can be used with amine hardeners like Triethylenetetramine (TETA) to accelerate the curing procedure.

Application Areas

- Accelerator for hardeners
- Epoxy systems coatings
- Adhesive
- Flooring

Benefits

- Shortening curing time
- Increasing curing efficiency
- Low mixing ratio
- Reasonable cost

Safety, Storage & Handling

The expiration of the Metacure® AC101 is at least 12 months from the date of production in a sealed container at room temperature. It should be stored away from heat, humidity, and sunlight.

Product Specification

Property	Unit	Value	Test Method/Standard
Appearance	-	Transparent Liquid	Visual
Viscosity at 25 °C	cp	150 – 300	ASTM D445
Specific gravity at 25 °C	g/cc	0.96 – 1.0	ASTM D792
Amine value	mg KOH/g	595 – 605	ISO 9702
Non-Volatile Content	%	≥ 99.5	ASTM D1353
Recommended mixing ratio (Curing Agent)	Phr*	5 – 15	Calculated

*phr: parts per hundred of resin

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