Technical Data Sheet

Accelerator Metacure® AC220

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Product Description

Accelerator Metacure® SAC220 is an aromatic tertiary amine-based compound designed to be used in accelerating various curing epoxy and polyurethane systems, such as adhesives, coatings, etc. The functionality of the chemical system designed in accelerator Metacure® AC220 makes it an effective accelerator for acid anhydride, polyamine, polyamide, and polyamidoamine curing agents.

Application Areas

It can be used for epoxy and polyurethane systems as a catalyst.

Benefits

- Fast-cure polymerization catalyst in polyamine or polyamide curing agents for low-temperature curing
- unchangeable glass transition values and high-mechanical performance systems

Safety, Storage & Handling

The shelf life is 12 months at 10-30 °C ambient temperature if unopened and stored free from frost, moisture, and direct sunlight. Accelerator Metacure® AC220 is available in 200 kg drums.
This product is flammable. If used in confined areas, observe the following precautions to prevent hazards of fire, explosion, or damage to health.

- Keep away from heat and open flame
- Keep the container closed
- Use with adequate ventilation
- Avoid prolonged and repeated contact with the skin
- Circulate adequate fresh air continuously during application and drying.
- Use fresh air masks and explosion-proof equipment.
- Prohibit all flames, sparks, welding, and smoking.

Product Specification

Property	Unit	Value	Test Method/Standard
Appearance	-	Brown	Visual
Viscosity at 25 °C	Pa.s	18 – 22	ASTM D445
Specific gravity at 25 °C	g/cm^3	1.16 – 1.20	ASTM D792
Amine value	mg KOH /g	300 – 360	ISO 9702
Non-Volatile Content	%	≥ 99.5	ASTM D1353
Recommended mixing ratio (Curing Agent)	Phr*	8 – 15	Calculated

*phr: parts per hundred of Curing Agent

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