

Technical Data Sheet

EPIKOTE™ Resin 498

Product Description

EPIKOTE™ Resin 498 is a Triglycidyl-p-aminophenol.

Application Areas/Suggested Uses

EPIKOTE™ Resin 498 is a very reactive polyfunctional specialty epoxy resin based on p-aminophenol. This very low viscous resin can be also used as an effective viscosity and reactivity modifier in combination with TGMDA (EPIKOTE™ Resin 496 and 497) and various other epoxy resins. It is suitable for high performance fiber reinforced composites, adhesives and coatings.

EPIKOTE™ Resin 498 can be cured by aromatic amines like EPIKURE™ Curing Agent 390, EPIKURE™ Curing Agent 385 or EPIKURE™ Curing Agent 375.

Benefits

- High performance
- Low viscosity
- High Tg
- High temperature and chemical resistance
- High mechanical strength

Sales Specifications

Property	Value	Unit	Test Method	Standard
Epoxy Equivalent	100.5 ± 5.5	g/eq		
Epoxy Equivalent	≤ 8	Gardner	DIN 4630	
Viscosity at 25°C	700 ± 150	mPa.s	DIN 53015	ISO 12058

Typical Properties

Property	Value	Unit	Test Method
Delivery Form	liquid		
Water Content	≤ 0.3	%	DIN 51777

Safety, Storage & Handling

Please refer to the SDS for the most current Safety and Handling information.

EPIKOTE™ Resin 498 should be stored at ≤ 10 °C in its carefully sealed original containers. Under these conditions the shelf life is around 24 months from date of certification.

Storing above this temperature adversely affects product quality (viscosity increase).

Always take care when handling and/or working with polyfunctional epoxy resins like EPIKOTE™ Resin 498. Heat can induce spontaneous homopolyaddition in which course the exothermic reaction can become uncontrollable.

Heating larger quantities of EPIKOTE™ Resin 498 and its formulations with other epoxy resins above 38 °C (100 °F) has to be strictly avoided.

EPIKOTE™ Resin 498

<https://www.hexion.com/en-US/product/epikote-resin-498>

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When warming EPIKOTE™ Resin 498, strictly avoid any local overheating, e.g. by use of improper heating equipment, like drum band heaters, immersion heaters, heating plates, hot air blowers, flames direct sunlight or electromagnetic radiation. This may initiate violent decomposition reactions, finally leading to an explosion.

Never contaminate EPIKOTE™ Resin 498 with acids or basic substances.

Contact Information

For further technical inquiries on the properties and performance of this matrix system in reinforced composites, please contact us at customer Service Center +1 888 443 9466 or at Hexion4information@hexion.com

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