

Technical Data Sheet

EPOSIL Resin 5550

Description

EPOSIL™ Resin 5550 is a siloxane modified hybrid epoxy resin designed to be formulated into protective topcoats. This resin can be cross-linked by an amine or amino-silane curing agents. EPOSIL™ Resin 5550 can be used to develop isocyanate-free, high performance topcoats with the potential to reduce overall cost of ownership through improved durability and fewer number of coating layers.

Application Areas/Suggested Uses

- Protective/Industrial Topcoats
- Transportation and Marine Coatings
- Graffiti-resistance and Dry Erase Coatings
- Machinery & Equipment Coatings
- Concrete Flooring Topcoats

Benefits

- Lower yellowing
- Excellent chemical resistance
- Longer pot life
- Lower product viscosity
- Superior gloss

Sales Specifications

Property	Value	Unit	Test Method
Color	1	Gardner	ASTM D1544
Epoxide Equivalent Weight	410 - 450	g/eq	ASTM D1652
Viscosity @ 25°C	250 - 550	cP	ASTM D2196

Typical Properties

Property	Value	Unit	Test Method
Color	100	Pt-Co	ASTM D1209
Density @ 25°C	9.26	lbs/gal	ASTM D1475

EPOSIL Resin 5550
<https://www.hexion.com/en-US/product/eposil-resin-5550>

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Please refer to the Hexion Inc. web site for Shelf Life and recommended Storage information.

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Packaging

Available in bulk and drum quantities.

Contact Information

For product prices, availability, or order placement, visit the "Contact Us" section of our website. For literature and technical assistance, visit our website at: www.Hexion.com/epoxy

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