

Technical Data Sheet

EPON™ Resin 830

Product Description

EPON Resin 830 is a slightly higher molecular weight BPA liquid epoxy as compared to EPON 828. The resin itself is resistant to crystallization and also in blends with HELOXY™ Modifiers. EPON Resin 830 is somewhat higher in viscosity than EPON Resin 828, although the viscosity is still easily handled. It provides greater reactivity when combined with most curing agents.

Application Areas/Suggested Uses

- Industrial floor toppings and grouting
- High build glaze, sealer or gel coats
- General purpose casting and encapsulation
- Base resin for dilution with Heloxy Modifiers

Benefits

- Slightly higher viscosity than standard liquid epoxy
- Very good resistance to crystallization
- Higher reactivity at room temperature
- Low color
- Good chemical resistance

Sales Specifications

| Property | Value | Unit | Test Method |
|--------------------|-----------|---------|-------------|
| Color | 1 max | Gardner | ASTMD1544 |
| Viscosity at 25°C | 170 - 225 | P | ASTMD445 |
| Weight per Epoxide | 190 - 198 | g/eq | ASTMD1652 |

Typical Properties

| Property | Value | Unit | Test Method |
|-----------------|-------|--------|-------------|
| Density at 25°C | 9.7 | lb/gal | ASTMD1475 |

Safety, Storage & Handling

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

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

Exposure to these materials should be minimized and avoided, if feasible, through the observance of proper precautions, use of appropriate engineering controls and proper personal protective clothing and equipment, and adherence to proper handling procedures. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet (MSDS) for these and all other products being used are understood by all persons who will work with them. Questions and requests for information on Hexion Inc. ("Hexion") products should be directed to your Hexion sales representative, or the nearest Hexion sales office. Information and MSDSs on non-Hexion products should be obtained from the respective manufacturer.

Packaging

EPON Resin 830
<http://www.westlakeepoxy.com/en-US/product/epon-resin-830>

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Available in bulk and drum quantities.

Contact Information

For product prices, availability, or order placement, please contact customer service:

www.hexion.com/Contacts/

For literature and technical assistance, visit our website at www.hexion.com

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