

Advanced Materials

ARALDITE[®] CY 184 Resin

LOW VISCOSITY CYCLOALIPHATIC EPOXY

Description

ARALDITE CY 184 resin is a low-viscosity cycloaliphatic epoxy which can be readily processed and cured with carboxylic acid anhydride and a small amount accelerator to produce a resilient thermosetting polymer with outstanding arc and track resistance, combined with excellent mechanical and electric properties.

Applications

ARALDITE CY 184 low viscosity epoxy resin is recommended for long-term use in aggressive environments as well as for enclosed or indoor environments.

Typical Properties

Test Values

ARALDITE CY 184 resin

Appearance	Gray viscous liquid
Specific gravity	1.20 – 1.25
Viscosity, @ 25°C (77°F), MPas	700 – 900
Epoxy content	5.80 – 6.10
Flash point, °C (°F)	169
Vapor pressure @ 20°C (68°F), Pa	<0.01

* Typical properties are based on Huntsman's test methods. Copies are available upon request

Packaging & Storage

Store resin at 18 – 25°C (64 – 77°F) in its tightly sealed and dry original container. Partly emptied containers should be closed tightly immediately after use.

Under these conditions, the shelf life will correspond to the expiration date stated on the container label. Product specific advice regarding storage can be found on the product label. After the expiration date, the product may be processed only following reanalysis.

Handling/Safety Precautions

Mandatory and recommended industrial hygiene procedures should be following whenever Huntsman products are being handled and processed. For additional information please consult the corresponding Material Safety Data Sheets.

ARALDITE CY 184 resin

Warning! Causes skin and eye irritation. May cause allergic skin reaction. Avoid contact with eyes, skin and clothes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

First Aid!

In case of contact:

Skin: Wash skin thoroughly with mild soap and water. Remove contaminated clothing and launder before reuse. Discard contaminated shoes and other articles made of leather.

Eyes: Flush with plenty of water for 15 minutes and get prompt medical attention.

Ingestion: Do not induce vomiting. Dilute with plenty of water and contact physician immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove person to fresh air.

Other: Referral to physician is recommended if there is any question about the seriousness of an injury

CAUTION:

Huntsman Advanced Materials Americas Inc. maintains up-to-date Material Safety Data Sheets (MSDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material. Copies of the latest MSDS may be requested by calling our customer service group at 888-564-9318 or emailing your request to electronics@huntsman.com.

**KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL AND INDUSTRIAL USE ONLY**

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