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Advanced Materials

Araldite® LT 8049 Crystal

ARALDITE® LT 8049 CRYSTAL IS A SOLID BROMINATED EPOXY RESIN

GENERAL

Araldite® LT 8049 Crystal contains approximately 50% bromine. It is particularly suitable for highly modified laminating systems which require fire retarding properties. It can be blended with conventional epoxy resins to produce systems with the desired handling and performance properties.

TYPICAL PROPERTIES*

Test Item	Limits	Test Method
Appearance	White flakes	Visual
Epoxy Equivalent, g/eq.	322 - 357	ISO 3001
Epoxy Value, eq./kg	2.80 - 3.10	ISO 3001
Melting Point, °F (°C)	221 - 239 (105 - 115)	ISO 3146
Bromine Content, %	47.0 - 50.0	X-Ray, PM 272
Color	≤ 2	Gardner, ISO 4630
Hydrolysable chlorine content, ppm	≤ 300	ISO 4583
Density @ 77ºF (25ºC)	~ 1.8	ISO 8130
Flash Point, ºF (ºC)	≥ 392 (200)	ISO 2592

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

PACKAGING & STORAGE

Araldite® LT 8049 Crystal is packaged in 55 pound (25 kg) bags. When stored in a dry place in its original packaging at a temperature within 36ºF to 104ºF (2ºC to 40ºC), Araldite® LT 8049 Crystal has a 3 year shelf-life.

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HANDLING PROCEDURES

Araldite® LT 8049 Crystal is a solid at room temperature. Handle in a well ventilated area and avoid dust formation.

PRECAUTIONARY STATEMENT

Huntsman Advanced Materials Americas LLC 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.

First Aid!
Refer to MSDS as mentioned above.

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KEEP OUT OF REACH OF CHILDREN

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