

IsoQure[®] UR 500 LER 50

Technical Data Sheet

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IsoQure UR-500 LER 50 is a paste of 50 % IsoQure UR 500 in bisphenol-A liquid epoxy resin and accelerates the reaction of epoxy groups with dicyandiamide. The particle size of the solids below 10 µm secures the homogeneous dispersion of the accelerator in heat curable epoxy resins, mainly used for solvent free prepreg and adhesive applications.

Material Definition

Aspect: White paste

Content: IsoQure UR 500 49% - 51%

Particle Size (98%): < 10 µm

Water Content: < 0,4%

Weight per epoxy equivalent: 360-390 g/EP-Equ.

Viscosity: 1200 - 2500 Pa*s (ISO 3219, 20°C, 1/s)

Handling, Storage and Packaging

Material is packed in 25kg drums and tightly closed original containers should be stored in a clean and dry environment. Recommended temperature conditions are -18 to 0°C. Storage might lead to crystallization of the paste. Exposure to maximum 40°C for 6-8 hours will liquify the material for proper use. Under recommended storage conditions the product will show a shelf life of 12 months from date of production.

Regulatory Information

EU REACH registered: Yes

Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

Disclaimer / Conditions



Revision: 2020-09-10 / d335

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Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf Life Policy \(/info/shelflife\)](#).

For updates on product information, please check this web page regularly:

<https://kautschuk.com/products/epoxy/ur/isoquire-ur-500-ler-50>

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