



# Razeen® LR 1150

## Unmodified liquid Epoxy Resin

**General** Razeen® LR 1150 is an universal purpose unmodified medium viscous epoxy resin based on Bisphenol A.

**Applications** Razeen® LR 1150 is suitable for the formulation of solvent-free coatings, self-leveling and mortar, flooring screeds, toweling compounds etc. when cured with polyamines, polyamidoamines or their adducts.

**Properties** The general purpose Razeen® LR 1150 epoxy resin yield excellent mechanical properties and resistance to chemicals, which can be modified within wide limits by using various hardeners and fillers. Razeen® LR 1150 is FDA approved.

Specific key data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 001
	Color Gardner	2 max	ASTM D-1544
	Epoxy value	5.30 - 5.46 eq/Kg	ASTM D-1652
	Weight per epoxide	183 - 189 g/eq	ASTM D-1652
	Viscosity at 25 °C (77 °F)	10,000 - 12,000 mPa.s	ISO 12058-1
	Hydrolyzable Chlorine	400 ppm max	JCTM-195

*Specific key data are individually checked throughout, guaranteed and included in certificate of analysis.*

Typical Key Data	Property	Value	Test method
	Density at 25°C	1.17 g/cm <sup>3</sup>	ISO 1675
	Flash point	≥ 200°C	ISO 2719

*Typical key data are spot-checked; the values are typical for the product and are indicated for information only. The values are not guaranteed or included in the certificate of analysis.*

As-supplied form	Liquid
Odor	None
Self life (at storage temperature between 10-50°C) (See expiry date on original container)	Several years
Hazardous decomposition products (when disposed of in fire)	Carbon monoxide, carbon dioxide, and other toxic gases and vapors
Disposal	Regular procedures approved by local authorities

<b>Packaging &amp; Storage</b>	Razeen® LR 1150 is supplied in bulk and in 240 kg. steel drums. Razeen® LR 1150 should be stored in a dry place preferably in the sealed original container at temperature between 10°C and 50°C (temperatures will never be allowed to drop under 2°C). The product should not be stored exposed to direct sunlight.
	Razeen® LR 1150 may cristallize if stored for protracted periods under certain conditions (below 2°C). If this occurs, it can be restored to its original condition by heating it to 70-80°C and stiring it thoroughly.
<b>Handling/Safety Precautions</b>	Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets.
<b>Note</b>	Razeen® is a registered trademark of JANA or an affiliate thereof.

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