

# Razeen® LR 2257

## Modified liquid Epoxy Resin



**General** Razeen® LR 2257 is a low viscosity epoxy resin based on Bisphenol A modified with an aromatic glycidyl ether.

**Applications** Razeen® LR 2257 can be cured with polyamines, polyamidoamines or their adducts for solvent-free coatings, self-leveling and mortar floors, concrete injections, structural adhesives, trowelling compounds and impregnation systems. In combination with unmodified epoxy resins, like Razeen® LR 1150 and Razeen® LR 1100 the viscosity of the end formulation can be reduced.

**Properties** Due to the low viscosity and the full crystallization resistance Razeen® LR 2257 is a most suitable epoxy resin in formulating solvent free systems yielding,

- Very good processing properties
- Good mechanical performances
- Good surface penetration
- Medium chemical resistance / good acid and solvent resistance

Specific key data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 001
	Color APHA	100 max	ASTM D-1209
	Epoxy value	5.20 – 5.50 eq/Kg	ASTM D-1652
	Weight per epoxide	180 – 192 g/eq	ASTM D-1652
	Viscosity at 25 °C (77 °F)	500 – 700 mPa.s	ISO 12058-1

*Specific key data are individually checked thought, guaranteed, and included in the certificates of analysis.*

Typical Key Data	Property	Value	Test method
	Density at 25°C	1.15 g/cm <sup>3</sup>	ISO 1675
	Flash point	≥ 138 °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 included in certificate of analysis.*

As-supplied form	Liquid
Odor	Yes
Shelf life (at storage temperature between 2 - 40°C) (See expiry date on original container)	Several years
Hazardous decomposition products	Carbon monoxide, carbon dioxide, nitrogen oxides and other toxic gases and vapours
Disposal	Regular procedures approved by local authorities

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<b>Packaging &amp; Storage</b>	Razeen® LR 2257 is supplied in bulk and in 220 kg steel drums. This product should be stored in a dry place, preferably in the sealed original container; at temperatures between 2°C and 40°C (temperatures should never be allowed to drop below 0°C). The product should not be stored exposed to direct sunlight.
<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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