

Araldite® GY 257[#]

A low-viscosity, crystallization-resistant epoxy resin based on bisphenol-A and modified with a reactive diluent

Applications Combined with polyamines, polyamidoamines or their adducts as a cross-linking agent, Araldite GY 257 is suitable for formulating priming coats, solvent-free coatings, flooring screeds, mastics, etc.

Properties Liquid epoxy resin with many applications.
Good mechanical properties and resistance to chemicals can be varied within wide limits according to the hardener and additives chosen. Resists crystallization and has very good processing properties.

Key data	Specified key data		
	Aspect (visual)	clear liquid	
Colour (Gardner, ISO 4630)	≤ 2		
Epoxy index (ISO 3001)	5.20 - 5.50		[eq/kg]
Epoxy equivalent (ISO 3001)	182 - 192		[g/eq]
Viscosity at 25 °C (Falling-ball, ISO 12058-1)	500 - 650		[mPa s]

Specified key data are individually checked throughout and guaranteed.

Typical key data

Medium epoxy equivalent composition (ISO 3001)	183		[g/eq]
Vapour pressure at 20 °C (balance)	≤ 1		[Pa]
Density at 20 °C (ISO 1675)	1.15		[g/cm ³]
Flash point (Pensky Martens, ISO 2719)	~ 120		[°C]
As-supplied form	liquid		
Odour	yes		
Shelf life (at storage temperature between 2 - 40 °C) (see expiry date on original container)	several years		
Hazardous decomposition products (when disposed of in fire)	carbon monoxide, carbon dioxide, nitrogen oxides and other toxic gases and vapours		
Disposal	regular procedures approved by local authorities		

Typical key data are spot checked; the values are typical for the product and are indicated for information only. The values are not guaranteed.

[#] In addition to the brand name product denomination may show different appendices, which allows us to differentiate between our production sites: e.g. BD = Germany, US = United States, IN = India, CI = China, etc. These appendices are in use on packaging, transport and invoicing documents. Generally the same specifications apply for all versions. Please address any additional need for clarification to the appropriate Huntsman contact.