

Araldite® BY 157#

Moderately viscous Araldite epoxy resin based on bisphenol-A and containing reactive diluent

Applications In combination with suitable amine and amine adducts, Araldite BY 157 is applicable as cross-linking partner for producing floor-topping systems such as mortar toppings, self-levelling toppings, antistatic toppings, etc.

Properties Depending on the Aradur chosen, and in particular on the filler loading and the grain size and nature of the filler used, the resulting floor toppings can be glossy or mat, rough or smooth, as desired.
Coatings based on Araldite BY 157 are characterized by outstandingly high mechanical and chemical resistance.

Key data	Specified key data		
	Aspect (visual)	clear liquid	
	Colour (Gardner, ISO 4630)	≤ 2	
	Epoxy index (ISO 3001)	5.35 - 5.50	[eq/kg]
	Epoxy equivalent (ISO 3001)	182 - 187	[g/eq]
	Viscosity at 25 °C (Falling-ball, ISO 12058-1)	4200 - 5700	[mPa s]

Specified key data are individually checked throughout and guaranteed.

Typical key data		
Vapour pressure at 20 °C (balance)	≤ 0.2	[Pa]
Density at 25 °C (ISO 1675)	1.16	[g/cm ³]
Flash point (Pensky Martens, ISO 2719)	≥ 172	[°C]
As-supplied form	liquid	
Odour	slight	
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 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.

Mix ratios	Components	Parts by weight	
	Araldite BY 157	100	100
	Aradur 955	36	-
	Aradur 2987	-	70
	Viscosity at 25 °C (ISO 12058-1)	[mPa s]	~ 2960 ~ 920
	Gel time (Tecam, 100 ml, 20 °C, 65% RH)	[min]	~ 42 ~ 58
Storage	Araldite BY 157 should be stored in a dry place, preferably in the sealed original container, at temperatures between 2 and 40 °C. The product should not be stored exposed to direct sunlight.		
Handling precautions	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 and the brochure "Hygienic precautions for handling plastics products".		
Note	Araldite® is a registered trademark of Huntsman LLC or an affiliate thereof.		

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