

## Araldite® GY 783<sup>#</sup>

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

**Applications** Combined with polyamines, polyamidoamines or their adducts as a cross-linking agent, Araldite GY 783 is suitable for formulating solvent-free coatings, flooring screeds, mastics, etc.

**Properties** Coatings based on Araldite GY 783 are easy to process. They are characterized by good mechanical properties and resistant to many different chemicals. These properties are variable within wide limits according to the hardener and additives chosen.  
With its easy flexibilizing action Araldite GY 783 is recommended as the standard resin for flexible coatings and membranes.  
Araldite GY 783 does not crystallize out, even under unfavourable conditions.

<b>Key data</b>	<b>Specified key data</b>		
	<b>Aspect (visual)</b>	<b>clear liquid</b>	
	<b>Colour (Gardner, ISO 4630)</b>	≤ 2	
	<b>Epoxy index (ISO 3001)</b>	<b>5.00 - 5.30</b>	<b>[eq/kg]</b>
	<b>Epoxy equivalent (ISO 3001)</b>	<b>189 - 200</b>	<b>[g/eq]</b>
	<b>Viscosity at 25 °C (Rotary viscosity, ISO 3219)</b>	<b>800 - 1100</b>	<b>[mPa s]</b>


Specified key data are individually checked throughout and guaranteed.

<b>Typical key data</b>		
Medium epoxy equivalent composition (ISO 3001)	194	[g/eq]
Density at 20 °C (ISO 1675)	1.13	[g/cm <sup>3</sup> ]
Flash point (Pensky Martens, ISO 2719)	~ 130	[°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, 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.

<sup>#</sup> 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.

<b>Storage</b>	Araldite GY 783 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..
<b>Handling 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 and the brochure "Hygienic precautions for handling plastics products".
<b>Note</b>	Araldite® is a registered trademark of Huntsman LLC or an affiliate thereof.

<p><b>Huntsman LLC</b> ®Registered trademark</p>  <p><b>APPROVED TO</b> ISO 9001</p>	<p><b>IMPORTANT:</b> The following supersedes Buyer's documents. <b>SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.</b> No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.</p>
---	---