

Aradur® 3253[#]**Low-viscosity, formulated, cycloaliphatic polyamine hardener**

Applications In combination with liquid epoxy resins such as Araldite® GY 250, GY 783 and GY 793, Aradur 3253 is suitable for the production of epoxy resin mortars, natural stone carpets and solvent-free coatings with good surface properties.

With its low tendency to yellowing and its high resistance to mechanical stresses, Aradur 3253 is beside Aradur 53 S the preferred component for the formulation of decorative floor toppings.

Properties Used along with suitable epoxy resins, Aradur 3253 presents the following features:

- a low level of viscosity making it easy to work
- an application friendly mixing ratio of 100:50 with liquid epoxy resins such as Araldite® GY 250, GY 783 and GY 793
- longer pot-life compared to Aradur 53 S
- faster curing compared to XBK 3253 T
- good, even surfaces with low tendency to water spotting
- light-coloured films with lowest yellowing under the effects of UV rays

Key data		
Preliminary (Specified) key data		
Aspect (visual)	clear liquid	
Colour (Gardner, ISO 4630)	≤ 1	
Amine number (ISO 9702)	290 – 320	[mg KOH/g]
Viscosity at 25 °C (Rotary viscosity, ISO 3219)	200 – 260	[mPa s]

Specified key data are individually checked throughout, guaranteed, and included in the Certificates of Analysis (CoAs).

Typical key data

H ⁺ active equivalent	~ 95	[g/eq]
Density at 20 °C (ISO 1675)	1.02	[g/cm ³]
Flash point (Pensky Martens, ISO 2719)	~110	[°C]
Recommended mix ratio with Araldite GY 783	~ 50	[g/100 g]
Gel time (Tecam, 250 g / 23 °C) with Araldite GY 783	40	[min]
As-supplied form	liquid	
Odour	amine	
Shelf life (at storage temperature between 2 - 40 °C) (see expiry date on original container)	1 year at least	
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 or included in the CoAs.

[#] 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 ratio	The optimum mix ratio for Araldite GY 783 and Aradur 3253 is 100:50 parts by weight.
Storage	Aradur 3253 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	Forced ventilation and dust masks or respirators should be used in order to ensure that operatives do not breath in dust generated by resin, hardener or formulated powder coatings. 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.
Note	Aradur® is a registered trademark of Huntsman LLC or an affiliate thereof.

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