

**Aradur® 2992<sup>#</sup>**

**Low-viscosity, accelerated, aliphatic polyamine hardener**

**Applications** In combination with modified, low-viscosity Araldite® epoxy resins such as Araldite BY 158, Aradur 2992 is suitable for formulating construction adhesives, repair mortars and injection systems.

**Properties** Using suitable Araldite epoxy resins it is possible to formulate low-viscosity binder systems characterized by good penetration properties and high mechanical strength. The high reactivity of Aradur 2992 can be reduced by mixture with Hardeners. Aradur 2995 or Aradur 21 for adaptation to the required processing and curing speed.

Key data	Specified key data		
	Aspect (visual)	clear liquid	
Colour (Gardner, ISO 4630)	≤ 2		
Amine number (ISO 9702)	575 - 605	[mg KOH/g]	
Viscosity at 25 °C (Falling-ball, ISO 12058-1)	15 - 20	[mPa s]	


Specified key data are individually checked throughout and guaranteed.

Typical key data			
H <sup>+</sup> active equivalent weight	55	[g/eq]	
Density at 25 °C (ISO 1675)	0.93	[g/cm <sup>3</sup> ]	
Flash point (Pensky Martens, ISO 2719)	≥ 114	[°C]	
As-supplied form	liquid		
Odour	smells of ammonia		
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.

Mix ratios	Components		Parts by weight	
		Araldite BY 158		100
	Aradur 2992		34	7
	Aradur 21		-	22
	Viscosity at 25 °C (ISO 12058-1)	[mPa s]	150	100
	Gel time (Tecam, 100 ml, 20 °C, 65% RH)	[min]	10	30
<b>Storage</b>	Aradur 2992 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>	Aradur® is a registered trademark of Huntsman LLC or an affiliate thereof.			

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 <b>APPROVED TO</b> <small>ISO 9001</small>	