

Aradur® 2963-1[#]**modified cycloaliphatic polyamine**

Applications

- all types of floorings, multilayer, selflevelling, mortars, in moderate to warm climates
- protective and decorative coatings
- chemical resistant coatings and floorings

Properties

- extremely low viscous, colour stable
- good surface aspect cured at 20 °C
- good resistance even to hydrochloric 20 %, sulfuric acid 50 % and xylene
- **in coatings:**
 - good flexibility and hardness
- **in floorings:**
 - low viscosity and long potlife
 - for mortars good cure speed starting at 10 °C, for selflevelling starting at 15 °C (cure speed intended here as open to foot traffic)

Aradur 2963-1 is free of Bisphenol A**Key data****Specified key data**

Aspect (visual)	clear liquid	
Colour (Gardner, ISO 4630)	≤ 2	
Amine number (ISO 9702)	325 - 350	[mg KOH/g]
Viscosity at 25 °C (Falling-ball, ISO 12058-1)	30 - 70	[mPa s]

Specified key data are individually checked throughout and guaranteed.


Typical key data

H ⁺ active equivalent weight	85	[g/eq]
Density at 25 °C (ISO 1675)	1.00	[g/cm ³]
Flash point (Pensky Martens, ISO 2719)	≥ 108	[°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.

Mix ratios	Components	Parts by weight					
	Araldite GY 250	100	-	-	-	-	
	Araldite GY 253	-	100	-	-	-	
	Araldite GY 260	-	-	100	-	-	
	Araldite BY 157	-	-	-	-	100	
	Araldite PY 302-2	-	-	-	-	100	
	Aradur 2963	45	48	45	45	48	
	Viscosity at 25 °C (ISO 12058-1)	[mPa s]	950	380	1200	700	560
	Gel time	[min]					
	(Tecam, 100 ml, 20 °C, 65% RH)		45	30	35	25	40
	Data measured with Aradur 2963 but expected to be similar when using Aradur 2963-1						
Storage	Aradur 2963-1 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.						
Note	Aradur® is a registered trademark of Huntsman LLC or an affiliate thereof.						

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 APPROVED TO <small>ISO 9001</small>	