

Aradur® 2965#

Low-viscosity, phenol-free, modified cycloaliphatic polyamine hardener

Applications With liquid epoxy resins - bisphenol-A resins as Araldite® GY 250, GY 253, GY 257 or GY 266, bisphenol-F resins as Araldite GY 281 or bisphenol-A/F resins as Araldite PY 302-2 and GY 783 for solvent-free coatings for heavy-duty corrosion protection and floorings.

- Properties** Surface Technologies formulated with Aradur 2965 exhibit:
- outstanding cure and short dust-dry time, even at temperatures down to 5 °C and high relative humidity
 - low viscosity, easy processing
 - good mechanical properties
 - good overall chemical resistance
 - smooth, glossy, tack-free films

Key data

Specified key data		
Aspect (visual)	clear, yellowish liquid	
Colour (Gardner, ISO 4630)	≤ 4	
Amine number (ISO 9702)	300 - 325	[mg KOH/g]
Viscosity at 25 °C (Falling-ball, ISO 12058-1)	100 - 300	[mPa s]

Specified key data are individually checked throughout and guaranteed.

Typical key data		
H ⁺ active equivalent weight	94	[g/eq]
Density at 25 °C (ISO 1675)	1.05	[g/cm ³]
Flash point (Pensky Martens, ISO 2719)	≥ 117	[°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 257	-	-	100	-	-	-
	Araldite GY 281	-	-	-	100	-	-
	Araldite PY 302-2	-	-	-	-	100	-
	Araldite GY 783	-	-	-	-	-	100
	Aradur 2965	50	53	50	55	54	50
Viscosity at 25 °C (ISO 12058-1) [mPa s]		1300	600	400	900	1200	500
Gel time [min] (Tecam, 100 ml, 20 °C, 65% RH)		21	21	35	30	25	35
Storage	Aradur 2965 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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