

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
- pale coloured films showing relatively good colour stability.

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 255	-	-	100	-	-	-	-	-	-
Araldite GY 257	-	-	-	100	-	-	-	-	-
Araldite GY 281	-	-	-	-	100	-	-	-	-
Araldite PY 302-2	-	-	-	-	-	100	-	-	-
Araldite GY 783	-	-	-	-	-	-	-	100	-
Aradur 2965	50	53	50	50	55	54	50		
Viscosity at 25 °C (ISO 12058-1) [mPa s]	1300	600	1000	400	900	1200	500		
Gel time [min] (Tecam, 100 ml, 20 °C, 65% RH)	35	35	35	40	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 and the brochure “Hygienic precautions for handling plastics products” .								
Note	Aradur® is a registered trademark of Huntsman LLC or an affiliate thereof.								

Huntsman LLC <small>®Registered trademark</small>	<p>IMPORTANT: The following supersedes Buyer’s documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. 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>
	