

Accelerator 960-1[#]

Low-viscosity accelerator based on a tertiary amine

- Applications**
- to accelerate the cure mainly of epoxy / polyamidoamine (PAA), in particular of type 1 epoxy/PAA solvent-based systems
 - to accelerate other amines (must always be added to the hardener)

- Properties**
- will decrease potlife, drying and curing time
 - more than 5 % on resin can decrease flexibility and chemical resistance. If greater quantities are used, the amount of resin must be increased
 - approved according to FDA 121.2514 for foodstuff contact

Key data

Specified key data		
Aspect (visual)	clear, brown liquid	
Colour (Gardner, ISO 4630)	≤ 8	
Amine number (ISO 9702)	560-675	[mg KOH/g]
Viscosity at 25 °C (Falling-ball, ISO 12058-1)	120 - 250	[mPa s]

Specified key data are individually checked throughout and guaranteed.

Typical key data

The H⁺ active equivalent weight of can not be measured. An approximate value of 20 shall be used for equivalence calculations.

Density at 25 °C (ISO 1675)	0.97	[g/cm ³]
Flash point (Pensky Martens, ISO 2719)	≥ 107	[°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	100	100	100	
	Aradur 125	60	60	60	60	
	Accelerator 960-1	-	1	2	3	
	Gel time (Tecam, 100 ml, 20 °C, 65% RH)	[min]	170	145	140	135
	Dust-dry time (Landolt)	[h]	> 30	> 30	> 30	> 30
	Full-cure time (Landolt)	[h]	> 30	~ 28	~ 16	~ 12
	Persoz hardness	[s]				
	1 day		-	-	-	-
	2 days		-	14	35	55
	3 days		10	20	50	85
	7 days		17	50	85	115
Storage	Accelerator 960-1 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 and the brochure "Hygienic precautions for handling plastics products".					

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