

Advanced Materials

Accelerator 2950#

Co-reacting accelerator

DATA SHEET

	Reactive tertiary amine based accelerator for amb plasticising effect .	ient cure epoxy systems . Low			
Applications	 As accelerator and/or co-hardener in polyamidoamines and their adducts. To cure liquid epoxy resins such as Araldite[®] GY solvent-free coating and flooring systems. To cure solid epoxy resins such as Araldite[®] GT TAraldite[®] GZ 7071 X 75 for solvent-based marine As very powerful accelerator and co-hardener Seamless Modelling Paste (SMP) Small modifications or repairs , bond lines for join whole SMP range. 	combination with polyamines, 7 250, GY 260, PY 302-2 and similar for 7071 and similar or their solvent cuts as and maintenance coatings. • in Polyurethane systems. hing SMP parts , maybe used with the			
Properties	 whole SMP range. In solvent free epoxy coatings: Small additions have the same effect as the industry standard tertiary amine Acc. 960-1. Large additions decrease the pot life but increase cure speed dramatically and coatings are open to foot traffic in less than 1 day at + 5° C. In solvent based epoxy coatings: small additions (half the amount of Accelerator 2950 when compared to Acc. 960-1) give the same effect but with Accelerator 2950 the pot life is double as long. Large additions give the same dramatic effect as in solvent free coatings. in both surface technologies comparable flexibility after storage at 60° C and yellowing in the weather-o-meter as with Accelerator 960-1 no stability problems alone or in combination with other hardeners noted so far. In Polyurethane systems: even more powerful effect than in epoxies. extremely short demolding times for tooling systems. 				
Key data	Specified key data Aspect (visual) Color Index GARDNER (ISO 4630) Amine number (ISO 9702) Viscosity at 25 °C (Falling ball, ISO 12058-1) Specified key data are individually checked throughout and guarante	Yellowish liquid ≤ 10 640 - 700 [mg KOH/g] 2 000 – 6 000 [mPa s]			

[#] 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.

	Typical key da	ta					
	H ⁺ active equivalent weight		~ 75	[g/Eq]	[g/Eq]		
	Solubility in wat	er	Miscible				
	pH at 50 % in w	ater	11.4				
	Density at 25 °C	C (ISO 1675)	1.00	[a/cm ³	1		
	Flash point (Per	nsky Martens, ISO 2719)	> 110	[ºC]	1		
	Typical key data are values are not guara	spot checked; the values are typical for the pro- nteed.	duct and are indicate	ed for information only.	The		
Mix ratios Epoxies	Accelerator 2950 is intended as <u>accelerating co-hardener</u> , so it is normally used in combination with other hardeners to speed their cure. The following data is for information / calculation purposes.						
	Components			Parts by	Parts by weight		
	Araldite [®] GY 250 Araldite [®] GZ 707 Accelerator 2950	1 X 75		100 - 39	- 100 12		
	Pot life (100 g / 2	0 °C)	[min]	34	< 30		
	This product is both accelerator and hardener. The acceleration effect is therefore much stronger than the potlife would suggest.						
	Dust-dry time (La Full cure time (La	ndolt) at 20 °C, 65 % RH ndolt) at 20 °C, 65 % RH	[h] [h]	1.5 2	1 1		
	Appearance after	24 h, 20 °C, 65 % RH	g	llossy, peppering	good		
	Exudation			None	none		
	Distensibility (Eric	chsen, ISO 1520) after 2 weeks 20 °C	[mm]	0.8	0.8		
	Impact strength (direct, ISO 6272) after 2 weeks 20 °C	[cm ka]	10	< 20		
	leakage . Don environmental	't store in unlabelled containers. contamination.	Use appropriat	te containment to	o avoid		
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".						
tsman Advanced Materials tzerland) GmbH eckstrasse 200 7 Basel zerland +41 (0)61 299 11 11 +41 (0)61 299 11 12 4.huntsman.com/advanced_materials il: advanced_materials@huntsman.com		Huntsman Advanced Materials warrants only that its products meet the specifications agreed with the user. Specified data are analysed on a regular basis. Data which is described in this document as 'typical' or 'guideline' is not analysed on a regular basis and is given for information purposes only. Data values are not guaranteed or warranted unless if specifically mentioned. The manufacture of materials is the subject of granted patents and patent applications; freedom to operate patented processes is not implied by this publication. While all the information and recommendations in this publication, are, to the best of Huntsman Advanced Material's knowledge, information and belief, accurate at the date of publication, nothing herein is to be construed as a warranty, whether express or implied, including but without limitation, as to merchantability or fitness for a particular purpose. In all cases, it is the responsibility of the user to determine the applicability, to such information and recommendations and the suitability of any product for its own particular purpose. The behaviour of the products referred to in this publication in manufacturing processes and their suitability in any given end-use environment are dependent upon various conditions such as chemical compatibility, temperature, and other variables, which are not known to Huntsman Advanced Materials. It is the responsibility of the user to evaluate the manufacturing circumstances and the final product under actual end-use requirements and to adequately advise and warn purchasers and users thereof. Products may be toxic and require special precautions in handling. The user should obtain Safety Data Sheets from Huntsman Advanced Materials containing detailed information on toxicity, together with proper shipping, handling and storage procedures, and should comply with all applicable safety and environmental standards. Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent on manufacturing circu					
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