

Advanced Materials

Accelerator DY 062

Liquid accelerator

DATA SHEET

Tertiary amine. For ambient and high temperature cure epoxy system.

Applications	<ul style="list-style-type: none"> Electrical insulation materials Hot curing system for industrial composites 																								
Properties	<ul style="list-style-type: none"> Extremely low viscosity 																								
Key data	<p>Specified key data</p> <table border="1"> <tr> <td>Aspect (visual)</td> <td colspan="2">Clear, colorless liquid</td> </tr> <tr> <td>Color Index APHA (ISO 6271-2)</td> <td colspan="2">0 – 100</td> </tr> <tr> <td>Tertiary amine content (GC-HPLC)</td> <td>99.0 – 100.0</td> <td>[%]</td> </tr> <tr> <td>Water content (ISO 760)</td> <td>0.0 – 0.5</td> <td>[%]</td> </tr> </table> <p>Specified key data are individually checked throughout and guaranteed.</p> <p>Typical key data</p> <table border="1"> <tr> <td>Viscosity at 25°C (ISO 12058-1)</td> <td>≤ 10</td> <td>[mPa.s]</td> </tr> <tr> <td>Density at 20 °C (ISO 2811-3)</td> <td>0.89 – 0.91</td> <td>[g/cm³]</td> </tr> <tr> <td>Flash point (ISO 1523)</td> <td>55</td> <td>[°C]</td> </tr> <tr> <td>Vapour pressure at 20 °C / at 60 °C</td> <td>~3 / ~16</td> <td>[mbar]</td> </tr> </table> <p>Typical key data are spot checked; the values are typical for the product and are indicated for information only. The values are not guaranteed.</p>	Aspect (visual)	Clear, colorless liquid		Color Index APHA (ISO 6271-2)	0 – 100		Tertiary amine content (GC-HPLC)	99.0 – 100.0	[%]	Water content (ISO 760)	0.0 – 0.5	[%]	Viscosity at 25°C (ISO 12058-1)	≤ 10	[mPa.s]	Density at 20 °C (ISO 2811-3)	0.89 – 0.91	[g/cm ³]	Flash point (ISO 1523)	55	[°C]	Vapour pressure at 20 °C / at 60 °C	~3 / ~16	[mbar]
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Features	<p>Accelerator DY 062 is used in combination with Araldite® Epoxy Resins and Hardeners based on carboxylic acid and anhydrides . The amount of accelerator added depends on the desired pot life as well as on other processing factors , such as temperature and duration of curing .</p> <p>As a guide line the proportion is 0.2 – 2.0 parts by weight in 100 parts of resin .</p>																								

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Storage	Accelerator DY 062 should be stored between 18 and 40 °C in original container protected from direct sunlight in a dry, cool and well ventilated area , away from food, drink and incompatible materials. Keep container tightly closed and sealed until ready for use . Containers that have been opened must be carefully resealed and kept upright to prevent leakage . Don't store in unlabelled containers. Use appropriate containment to avoid environmental contamination .
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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