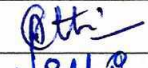
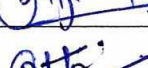


 An ISO 9001:2015 Company	INSULATION SYSTEMS ENGINEERING		IN. SK. 46108	
			Rev. No.: 00	
			Rev. Dt.: 06/07/2019	
	<u>ACCELERATOR B-1061</u>		Sht. 1 of 3 shts.	
1.0 GENERAL : This specification details about the Accelerator B-1061 based on ethyl piperazine complex for anhydride-cured epoxy resin systems. 2.0 APPLICATION : Used for manufacture of various adhesives, solutions, varnishes etc. like Phenoxy Resin Adhesive, Accelerator Solution, Epoxy Bonding Varnish and Epoxy Impregnating Resin with Accelerator. These products act as catalysts in curing of Bisphenol-A epoxy resin & anhydride hardener system during vacuum pressure impregnation process. It is also used in the manufacture of mica tapes for high voltage Class F applications. 3.0 SPECIAL FEATURES : The following advantages make it ideal for industrial use. • Very long pre-preg life • High temperature resistance Cured products have • Excellent resistance to boiling water • Very low water absorption • Very good chemical resistance and electrical insulation				
Distribution:		Date of Rev. 00:06/07/2019	Name	Signature
CIM QFD CIT TSD ISE MDX		Prepared by	Abha Otti	
		Checked by	Nidhi Gupta	
		Approved by	Anirudha Tijare	
		Issued by	Abha Otti	
BHEL BHOPAL				

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		Sht. 2 of 3 shts.

4.0 PROPERTIES :

Appearance & colour: Clear yellow orange to brownish viscous liquid

Odour: Characteristic

Refractive Index : 1.4920 to 1.5100

Viscosity at 25 °C: 5000 to 8000 mPas (ISO:12058-1-97)

Density at 25 °C: 1.05 ± 0.02 g/cc (ASTM-D 4052/ IS 101 Part 1 Sec 7: 1987)

Volatile content: ≤ 1% (105 ± 2 °C for 2 hrs.) (IS 101 Part 2 Sec 2: 1989)

Flash point: > 155 °C (ASTM-D 93)

5.0 STORAGE

Store in a cool and dry place.

6.0 HANDLING

Hand gloves and protective glasses to be used while handling.

7.0 DISPOSAL

Dispose by incineration or as per local regulations.

8.0 SAFETY INFORMATION

Flash point: Look for the individual values in test report as above

In case of skin contact, wash with soap and water. In case of eye irritation, bathe the affected eye with running water for at least 15 minutes and get medical attention.

Refer MSDS of manufacturer.

9.0 SHELF LIFE

3 years when stored in original sealed packing under cool and dry conditions.

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		Sht. 3 of 3 shts.

10.0 REJECTION

BHEL reserves the right to reject the entire lot of the material if found not conforming to the stipulations of this specification. Parts of the lot not subjected to testing but found not to meet the specification/ found to be defective/ having hidden defects or having shop application problems can be rejected later on also.

11.0 TEST CERTIFICATES

Unless otherwise specified, three copies of test certificates & MSDS shall be supplied along with each consignment.

In addition, the supplier shall ensure to enclose one copy of the test certificate along with their dispatch documents to facilitate quick clearance of the material.

The test certificate shall bear the following information.

IN.SK.46108 Rev.00: Accelerator B-1061
BHEL PO No., Batch/ Lot No.
Test values obtained & certificate for compliance for Cl. 4

12.0 PACKING & MARKING

The consignment shall be suitably packed to protect from contamination and damage in transit.

Material to be supplied in 25 kg metal/ plastic containers or as specified on the PO.

Each consignment shall be legibly marked with the following information:

Batch/Lot No., BHEL PO No.
Manufacturer's and/ or Supplier's Name & Grade
Quantity
Date of Manufacture & Expiry

12.1 On Container

Each container shall be marked with the following information:
IN.SK.46108 Rev.00: Accelerator B-1061
BHEL PO. No., Batch/ Lot No.
Manufacture's and/ or Supplier's Name & Grade
Quantity
Date of Manufacture and Expiry
Test Certificate Reference

BHEL BHOPAL