

MATERIAL CODE : EL5991800014



PURCHASE SPECIFICATION FOR GLASS FIBER CHOPPED STRANDS

ISSUE NO : 06

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1.0 GENERAL

This specification governs the requirements of Glass Fiber Chopped Strands for application in manufacturing catalyst for selective catalytic reduction of NO_x (Oxides of Nitrogen)

2.0 APPEARANCE

White to Cream / Off white in color and in form of chopped strands as per specification given below.

3.0 PHYSICAL/CHEMICAL PROPERTIES

Parameter	Acceptable Limit
Moisture Content	5.0 ~ 10.0%
Size Content	≤ 0.3%
Average Diameter(Filament/ Dia)	10±1 μm
Strand Length(Chop Length)	6±1 mm

Glass fiber should be low alkali glass fibers, suitable for dispersion in water based medium

4.0 CONDITION OF DELIVERY

Material shall be supplied in moisture proof packed condition as per Purchase order. Package size shall be 1000 kg jumbo bags or else to be specify by the supplier. Vendor needs to supply sample (Min 100 gms with sample identification) along with the techno-commercial offer for approval by BHEL. The vendor shall ensure bulk supply as per the final sample approval.

5.0 TEST SAMPLES

Test samples will be drawn as per ASTM E300

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1 st Issue	SCR PROD GROUP	ANTARA BARI	(Mang Kumar)	K.S. RAVISHANKAR	02.03.2020

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6.0 TEST CERTIFICATE

Copies of test certificates shall be supplied along with each consignment, giving the following information: In addition, the supplier shall ensure to enclose one copy of the test certificate along with the despatch documents to facilitate quick clearance of the material.

The supplier shall submit test certificates giving the following information

- a) Purchase Order no.
- b) Purchasing specification no.
- c) Suppliers reference and name
- d) Batch no. with traceability
- e) Consignment identification
- f) Results of various tests as called for in this specification
- g) Details of packing and the standards being followed

7.0 PACKING & MARKING

Manufacturer can follow any national or international standard to ensure moisture proof packing. Each pack shall be legibly identified with the following information.

- a) Supplier's/Manufacturer's Name and Trade mark, if any
- b) BHEL Purchase Order no.
- c) Quantity in the package
- d) Consignment identification
- e) Lot (or batch) identification
- f) Packing date

8.0 ENVIRONMENTAL REQUIREMENT

The supplier shall furnish Material Safety Data Sheet (MSDS) covering all information relating to human safety and environmental impacts of the hazardous materials particularly during their transportation, storage, handling and disposal along with each supply.

Each container shall be marked with corresponding symbol and minimum worded cautionary notice for flammable / corrosive / toxic / harmful / irritant and oxidizing etc., as applicable.

9.0 INSPECTION AT VENDOR'S PREMISES

BHEL's representative shall have free access to all parts of Vendors' premises at all times when work on the contract is being executed. The vendor shall offer BHEL's representative all reasonable facilities to convince the latter that the material is being manufactured in accordance with this specification.

10.0 REJECTION

Materials not conforming to the above stipulations shall be rejected. Also in the event of proving defective in the course of any further processing the same shall be rejected notwithstanding any previous certification of satisfactory testing and/or inspection.

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