



Certificate No : OFC/605
Valid From : 08.07.2021
Valid Upto : 07.07.2024

BHARAT S ANCHAR NIGAM LTD
(A Govt. of India Enterprise)
Component Approval Centre Telecommunications (CACT),
Telecom Quality Assurance Circle
CACT Complex, Doorvaninagar, Bangalore - 560 016.

SOURCE APPROVAL CERTIFICATE

- I
- i) Name of the raw material : Single Mode Optical Fiber conforming to ITU-T Rec. G.652D, Natural Colour.
Code: SMART- LWP SM
- ii) Name and address of the manufacturer : M/s. Aksh Optifibre Limited,
F-1080, Phase-III, RIICO Industrial Area.
Bhiwadi-301 019, District- Alwar RAJASTHAN.
- iii) Offered by : Manufacturer
- iv) Conforming to Specification : TEC/GR/TX/ORM-001/05/ DEC- 17
Type: Type-III (Sec-I) with Amendment No.1 dated 06.07.2020
- v) Test report particulars : CACT/OFC/Aksh/Vol VIII/46 dt d 21.09.2021
- vi) **Date of issue** : **21.09.2021**
- vii) IA Reference : CACT/OFC/Aksh/Vol VIII/07 dt d 29.06.2018
- viii) Remarks : Renewal of Source Approval

RAW MATERIALS DETAIL

| Sr.No | Name of Raw Material | Name of Supplier | Grade | |
|-------|-------------------------|------------------------------------|------------|--------|
| 1 | Pre-form | Shin-Etsu Chemical Co. Ltd., Japan | G652D LWP | |
| | | | IOR at | |
| | | | 1310nm | 1.4670 |
| | | | 1550nm | 1.4675 |
| | 1625nm | 1.4675 | | |
| 2 | UV Resin-I (Primary) | Shanghai Phichem Material Co.Ltd | KG100-1H-2 | |
| 3 | UV Resin-II (Secondary) | Shanghai Phichem Material Co.Ltd | KG200-2 | |

- II The item/raw-material(s) mentioned above I(i) is/are hereby source approved subject to the conditions indicated overleaf.
- III It is responsibility of the equipment manufacturer to ascertain that this component / raw material is suitable for use in their equipment/product against the relevant specification.

(Handwritten signature)
21/9/2021

(G.GEETHA)
Deputy General Manager
CACT, BANGALORE - 560 016

Copy to:

1. M/s.Aksh Optifibre Limited, F-1080, Phase-III RIICO Industrial Area. Bhiwadi-301019, Dist Alwar RAJASTHAN
2. The CGM Inspection & QA Circle, Bangalore-560041: for kind information
3. GM (North) Inspection & QA Circle, New Delhi: for kind information
4. File: CACT/OFC/AKSH/ Vol-VIII/
5. SDE (TECH II)/SDE (Approvals)
6. SAC Guard File

P.T.O.

TERMS AND CONDITIONS

1. If there is any change in design / drawing, raw material used, process, addition / alteration of test facilities, methods, location of manufacturing premises or any other related matters, this approval automatically becomes invalid, unless such a change is specifically got approved from CACT. Also indigenisation of imported parts / raw materials calls for CACT approval.
2. Traceability shall be maintained right through the raw material procurement, IGI, Production, Testing and Dispatch.
3. As a normal procedure, specified number of samples / quantity of samples of the items / raw-material approved are to be made over to CACT, to be retained by them for future reference. These samples are non-returnable.
4. During the currency of SAC, CACT / BSNL QA reserve the right to carry out the surveillance and supervisory checks periodically without prior notice. Samples can be picked up either from component/raw-material users or the component manufacturers or from the field units of BSNL and subjected to selected or complete tests. If degradation is noticed the approval could be reviewed and even could be withdrawn. Approval can also be withdrawn in case of feed back complaints received from organizations such as LCSO, BIS, BEL, and ITI etc.
5. Proper quality system shall be maintained in the manufacturing and qualimetric data shall be generated at all stages of manufacturing and testing. The data generated shall be reviewed periodically and trend analysis is made. Half yearly review reports may be submitted to CACT. CACT reserves the right to audit the manufacturing facility as well as the quality system followed, at any point of time as may felt necessary.
6. Feed back complaint shall be promptly analysed and corrective and preventive actions shall be taken. Copy of the feed back report shall be marked to CACT on half yearly basis during the validity of SAC
7. In case of any dispute at any stage during the validity of this approval the decision of the approval authority (CACT) shall be final and binding on the manufacturer.
8. If the renewal of the SAC is needed, the manufacturer has to take up the case with CACT at least 90 days prior to the expiry of the SAC.