



Certificate No : RM/897
Date of issue : 24.11.2009
Date of Expiry : 23.11.2012

BHARAT SANCHAR NIGAM LTD.

(A Govt. of India Enterprise)

**Component Approval Centre Telecommunications (CACT),
Telecom Quality Assurance Circle**

CACT Complex, Doorvaninagar, Bangalore - 560 016.

(NABL ACCREDITED LABORATORY - Certificate Nos. T-1001 & T-1002)

SOURCE APPROVAL CERTIFICATE

- I
- i) Name of the raw material : Sheathing / Jacketing Compound
(For PIJF Cable), Grade : LLD-222
Density : 0.9224gm/cc, (03C)
Type of Polyethylene : LLDPE
 - ii) Name and address of the manufacturer : M/s. Sankhla Polymers Pvt Ltd,
'B', Jay Harsh Industrial Estate,
Sur. No. 327/3, Village Athal,
Silvassa Road, NAROLI - 396 235.
 - iii) Offered by : Manufacturer
 - iv) Conforming to Specification : GR/CUG-01/03 AUG 2003 & CACT GR.
 - v) Test report particulars : CACT/FL/MT/TR/09-10/III/142 dt. 23.10.09
SIIR BG TC NO BG/87235 dt. 09.11.2009
 - vi) **Valid upto** : **23.11.2012**
 - vii) IA Reference : DGMQA/MI/T-3/2009-10/54 dt. 30.10.2009
 - viii) Remarks : Renewal of approval

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.

(U.V. GOPALA RAO)
Divisional Engineer (OFC)
CACT, BANGALORE - 560 016.

Copy to:

1. M/s. Sankhla Polymers Pvt Ltd, 'B', Jay Harsh Industrial Estate,
Sur. No. 327/3, Village Athal, Silvassa Road, NAROLI - 396 235.
2. The CGM Telecom QA Circle, Bangalore-560041: for kind information
3. DGM QA MUMBAI
4. GM QA BANGALORE
5. File: CACT/MT/139/SPPL 64/C
6. SDE (TECH II)
7. SAC Guard File

P.T.O.



Certificate No : RM/903
Date of issue : 08.02.2010
Date of Expiry : 07.02.2013

BHARAT SANCHAR NIGAM LTD.
(A Govt. of India Enterprise)
Component Approval Centre Telecommunications (CACT),
Telecom Quality Assurance Circle
CACT Complex, Doorvaninagar, Bangalore - 560 016.
(NABL ACCREDITED LABORATORY - Certificate Nos. T-1001 & T-1002)

SOURCE APPROVAL CERTIFICATE

- I
- i) Name of the raw material : Sheathing Compound Black, HDPE
(For MF OF Cables), Grade : HDP-333 (UV)
 - ii) Name and address of the manufacturer : M/s. Sankhla Polymers Pvt Ltd,
'B', Jay Harsh Industrial Estate,
Sur. No. 327/3, Village Athal,
Silvassa Road, NAROLI - 396 235.
 - iii) Offered by : Manufacturer
 - iv) Conforming to Specification : GR/ORM-01/03 MARCH 2004 Section-III &
GR/OFC-12/01 JUN 2005
 - v) Test report particulars : CACT/FL/MT/TR/09-10/III/149 dt. 26.10.09
SIIR BG TC NO BG/89392 dt. 23.01.2010
 - vi) Valid upto : 07.02.2013**
 - vii) IA Reference : DGMQA/MI/T-3/2009-10/54 dt. 30.10.2009
 - viii) Remarks : Renewal of approval
- 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.


(K. CHANDRASEKHRAN)
Divisional Engineer (MT)
CACT, BANGALORE - 560 016.

Copy to:

1. M/s. Sankhla Polymers Pvt Ltd, 'B', Jay Harsh Industrial Estate,
Sur. No. 327/3, Village Athal, Silvassa Road, NAROLI - 396 235.
2. The CGM Telecom QA Circle, Bangalore-560041: for kind information
3. DGM QA MUMBAI
4. File: CACT/MT/139/SPPL 70/C
5. SDE (TECH II)
6. SAC Guard File

P.T.O.



Certificate No : RM/849
Date of issue : 24.03.2008
Date of Expiry : 23.03.2011

BHARAT SANCHAR NIGAM LTD.

(A Govt. of India Enterprise)

**Component Approval Centre Telecommunications (CACT),
Telecom Quality Assurance Circle**

CACT Complex, Doorvaninagar, Bangalore - 560 016.

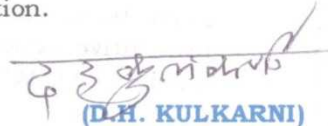
(NABL ACCREDITED LABORATORY - Certificate Nos. T-1001 & T-1002)

SOURCE APPROVAL CERTIFICATE

- I
- i) Name of the raw material : Insulation Compound, HDPE
(for PIJF Cables), Grade : HDP-666
 - ii) Name and address of the manufacturer : M/s. Sankhla Polymers Pvt Ltd,
'B', Jay Harsh Industrial Estate,
Sur. No. 327/3, Village Athal, Silvassa Road,
NAROLI - 396 235.
 - iii) Offered by : Manufacturer
 - iv) Conforming to Specification : GR/CUG-01/03 AUG 2003 & CACT GR
 - v) Test report particulars : CACT/FL/MT/TR/XVII/208 dated 22.03.08,
CIPET CNI TC 3106 dated 10.03.2008 &
CIPET MY TR 3997 dated 17.03.2008.
 - vi) **Valid upto** : **23.03.2011**
 - vii) IA Reference : DE QA/SLVA/CACT/IS/T-22/05-06
dated 28.02.2006
 - viii) Remarks : Renewal of approval.

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 cable manufacturer to ascertain that this raw material is suitable for use in their product against the relevant specification.


(D.H. KULKARNI)

**Divisional Engineer (OFC)
CACT, BANGALORE - 560 016.**

Copy to:

1. M/s. Sankhla Polymers Pvt Ltd, 'B', Jay Harsh Industrial Estate,
Sur. No. 327/3, Village Athal, Silvassa Road, NAROLI - 396 235.
2. The CGM Telecom QA Circle, Bangalore-560041: for kind information
3. DGM QA MUMBAI
4. File: CACT/MT/139/SPPL 38/C 5. SDE (APPL) / (TECH II) 6. SAC Guard File

P.T.O.



TEST REPORT

Report No. : GR:GL:1210015988

DATE : 27/05/2010

JOE No. : 1021804968

Report Control No.:1215016335

SAMPLE NOT DRAWN BY LABORATORY
SAMPLE SUBMITTED AND IDENTIFIED BY CUSTOMER AS : LSZH/COMPOUND/HFFR

CUSTOMER NAME SANKHLA POLYMERSPVT .LTD.
ADDRESS #2 RACE COURSE ROAD,
CITY BANGALORE-560001
COUNTRY INDIA
SAMPLING METHOD N.A.
SAMPLE DESCRIPTION LSZH/Compound/HFFR
GRADE LSZH 036 (N) RR
BATCH NO. 210 D 12
SAMPLE RECD ON 22-05-2010
TEST START DATE 22/05/2010
TEST END DATE 27/05/2010

TESTS	PROTOCOL	RESULT
CADMIUM	IEC 62321, ED 1(III/54/CDV/ EPA3050B/ EPA3051A/ EPA3052	ND(DL 2mg/kg)
LEAD	IEC 62321, ED 1(III/54/CDV/ EPA3050B/ EPA3051A/ EPA3052	ND(DL 2mg/kg)
MERCURY	IEC 62321, ED 1(III/54/CDV/ EPA3051A/ EPA3052	ND(DL 2mg/kg)
HEXAVALENT CHROMIUM (Cr VI)	IEC 62321, ED 1(III/54/CDV/ EPA3060A/ EPA7196A	ND(DL 2mg/kg)
POLYBROMINATED DIPHENYLETERS (PBDEs)	IEC 62321, ED 1(III/54/CDV/ EPA3540C	
Monobromodiphenyl ether		ND(DL 5mg/kg)
Dibromodiphenyl ether		ND(DL 5mg/kg)
Tribromodiphenyl ether		ND(DL 5mg/kg)
Tetrabromodiphenyl ether		ND(DL 5mg/kg)
Pentabromodiphenyl ether		ND(DL 5mg/kg)
Hexabromodiphenyl ether		ND(DL 5mg/kg)

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TEST REPORT

Report No. : GR:GL:1210015988 **DATE : 27/05/2010**

JOE No. : 1021804968

Report Control No.:1215016335

TESTS	PROTOCOL	RESULT
Heptabromodiphenyl ether		ND(DL 5mg/kg)
Octabromodiphenyl ether		ND(DL 5mg/kg)
Nonabromodiphenyl ether		ND(DL 5mg/kg)
Decabromodiphenyl ether		ND(DL 5mg/kg)
POLYBROMINATED BIPHENYLS (PBBs)	IEC 62321, ED 1(III/54/CDV) EPA3540C	
Monobromobiphenyl		ND(DL 5mg/kg)
Dibromobiphenyl		ND(DL 5mg/kg)
Tribromobiphenyl		ND(DL 5mg/kg)
Tetrabromobiphenyl		ND(DL 5mg/kg)
Pentabromobiphenyl		ND(DL 5mg/kg)
Hexabromobiphenyl		ND(DL 5mg/kg)
Heptabromobiphenyl		ND(DL 5mg/kg)
Octabromobiphenyl		ND(DL 5mg/kg)
Nonabromobiphenyl		ND(DL 5mg/kg)
Decabromobiphenyl		ND(DL 5mg/kg)
Remark: - ND-Not Detected, DL-Detection Limit		

**** End of Report ****

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