



CONTINENTAL CARBON INDIA LIMITED

A-14, INDUSTRIAL AREA NO. 1, SOUTH SIDE OF G.T.ROAD

GHAZIABAD - 201001(U.P.) INDIA

Phone: 0120-6721200/311/388/352/209; Fax: 0120-6721222

(An ISO/TS 16949 & ISO-14001:2004 & OHSAS 18001:2007 Certified Company)

CERTIFICATE OF ANALYSIS

| | | | |
|-------------------------------|----------------------------------|---------------------------|------------|
| Certificate No. : | 8346102960 | For Attention of : | |
| Date : | 16.10.2014 | Net Weight (Ton) : | 10.000 |
| Consignee : | R.K.POLYMER | Production Code : | |
| Destination : | CHENNAI(TAMIL NADU) | 14O15A0201 | 14O15A0206 |
| Consignee Code : | 2000047 | 14O15A0202 | 14O15A0207 |
| Truck/Container no : | RJ11GA-5103 | 14O15A0203 | 14O15A0208 |
| | TOTAL LOGISTICS (INDIA) PVT.LTD. | 14O15A0204 | 14O15A0209 |
| | | 14O15A0205 | 14O14C0509 |
| Material Description : | N-330 PAPER BAG(1000 KG) | Production Lot : | 687UG2J |
| Specification Valid : | 21.04.2011 | | |
| Customer Code : | | | |

| Characteristics | UOM | Specification | Test Method | Result |
|----------------------------------|-------|-----------------|-----------------|--------|
| Moisture No. | g/kg | 77.00 - 87.00 | ASTM D 1510-13 | 83.8 |
| DBP | m3/kg | 98.00 - 108.00 | ASTM D 2414-13A | 100.6 |
| Pour Density | kg/m3 | 350.00 - 410.00 | ASTM D 1513-05 | 378 |
| Heat Loss | wt% | < 2.50 | ASTM D 1509-95 | 0.51 |
| Sieve Residue # 325 | wt% | < 0.1000 | ASTM D 1514-04 | 0.0303 |
| Average Pellet Hardness | gf | < 50.00 | ASTM D 5230-13 | 30 |
| 300% Modulus difference from IRB | MPa | N/A | ASTM D 412-6a | -0.54 |

This data represents the product as loaded at CCIL, Ghaziabad, India. These tests believed to be reliable. However, because of variation of materials which we do not supply varying condition and different method of testing. CCIL does not guarantee a duplication of these results by others. It is certified that this confirms to your specification. Where applicable, tests are in accordance with test method adopted or recommended by ASTM. The report shall not be reproduced except in full, without the return approval of the laboratory.

NOTE -The modulus reported is with respect to IRB#8
Original to Customer alongwith material

For Continental Carbon India Limited
S. D. Sharma
Head(QA)

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