

## Orion Engineered Carbons CORAX® N 121 ASTM Carbon Black

Category : Carbon , Carbon Black

**Material Notes:**

Standard grade of furnace black in accordance with the requirements of ASTM D 1765 Hard Black - tread grade, reinforcing carbon black. Information provided by Orion Engineered Carbons.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Orion-Engineered-Carbons-CORAX-N-121-ASTM-Carbon-Black.php](http://www.lookpolymers.com/polymer_Orion-Engineered-Carbons-CORAX-N-121-ASTM-Carbon-Black.php)

| Physical Properties      | Metric                | English                   | Comments  |
|--------------------------|-----------------------|---------------------------|---|
| Bulk Density             | 0.320 g/cc            | 0.0116 lb/in <sup>3</sup> | Pour Density; ASTM D 1513                       |
| Oil Absorption           | 111 %                 | 111 %                     | (ml/100 g); Compressed Sample; ASTM D 3493      |
|                          | 132 %                 | 132 %                     | (ml/100 g); ASTM D 2414                         |
| Loss On Ignition         | <= 1.0 %              | <= 1.0 %                  | Heating Loss; ASTM D 1509                       |
| Specific Surface Area    | 114 m <sup>2</sup> /g | 114 m <sup>2</sup> /g     | Statistical thickness surface area; ASTM D 6556 |
| Iodine Absorption Number | 121                   | 121                       | mg/g; ASTM D 1510                               |

| Descriptive Properties     | Value     | Comments                          |
|----------------------------|-----------|-----------------------------------|
| Fines                      | < 7.0 %   | ASTM D 1508                       |
| Individual Pellet Hardness | < 45 g    | ASTM D 5230, average 1.4 - 1.7 mm |
| Sieve Residue              | < 500 ppm | ASTM D 1514                       |
| Tint                       | 119       | ASTM D 3265                       |

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