

Orion Engineered Carbons PUREX® HS 22 Carbon Black

Category : Carbon , Carbon Black

Material Notes:

Carbon black grade for manufacture of mechanical rubber goods such as extruded profiles and seals
Information provided by Orion Engineered Carbons.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Orion-Engineered-Carbons-PUREX-HS-22-Carbon-Black.php

| Physical Properties | Metric | English | Comments |
|--------------------------|----------------------|---------------------------|---|
| Bulk Density | 0.430 g/cc | 0.0155 lb/in ³ | Pour Density; ASTM D 1513 |
| Oil Absorption | 75 % | 75 % | (ml/100 g); Compressed Sample; ASTM D 3493 |
| | 102 % | 102 % | (ml/100 g); ASTM D 2414 |
| Loss On Ignition | <= 0.50 % | <= 0.50 % | Heating Loss; ASTM D 1509 |
| Specific Surface Area | 20 m ² /g | 20 m ² /g | Statistical thickness surface area; ASTM D 6556 |
| Iodine Absorption Number | 20 | 20 | mg/g; ASTM D 1510 |

| Descriptive Properties | Value | Comments |
|----------------------------|----------|-----------------------------------|
| Fines | < 7.0 % | ASTM D 1508 |
| Individual Pellet Hardness | < 40 g | ASTM D 5230, average 1.4 - 1.7 mm |
| Sieve Residue | < 50 ppm | ASTM D 1514 |

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