

# CARBON BLACK



PRODUCT OF THE UKRAINE

This product is from a Valetime Integrated Source

## SPECIFICATION

**Production** ISO 9002 certified production

**Uses**

- Tyre Industry
  - o supplier to major World producers of vehicle tyres
- Rubber Industrial Products
  - o includes manufacturers of beltings,
  - o footwear soles,
  - o electrical cables, coatings etc.
- Polygraphic Products
  - o newspaper inks; and
  - o other special printing inks.

### Specification

#### ASTM D 1765

Grade: **N660 N550 N539 N375 N339 N330 N299 N234 N220**

| Test                             | Unit                    | N660              | N550              | N539              | N375              | N339              | N330              | N299              | N234              | N220              |
|----------------------------------|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Iodine absorption no.            | g/kg +/- 5              | 36                | 43                | 43                | 90                | 90                | 82                | 108               | 120               | 121               |
| CTAB surface area                | m <sup>2</sup> /g +/- 5 | 36                | 42                | 41                | 96                | 95                | 83                | 104               | 119               | 111               |
| DBP absorption no.               | cm <sup>2</sup> /100 g  | 90                | 121               | 111               | 114               | 120               | 102               | 124               | 125               | 114               |
| PH value                         |                         | 6 – 9             | 6 – 9             | 6 – 9             | 6 – 9             | 6 – 9             | 6 – 9             | 6 – 9             | 6 – 9             | 6 – 9             |
| Heating loss at 125°C            | % Max                   | 1                 | 1                 | 1                 | 1                 | 1                 | 1                 | 1                 | 1                 | 1                 |
| Ash content                      | % Max                   | 0.45              | 0.45              | 0.45              | 0.45              | 0.45              | 0.45              | 0.45              | 0.45              | 0.45              |
| Sieve residue (0045)             | % Max                   | 0.1               | 0.1               | 0.1               | 0.1               | 0.1               | 0.1               | 0.1               | 0.1               | 0.1               |
| Sieve residue (05)               | % Max                   | 0.001             | 0.001             | 0.001             | 0.001             | 0.001             | 0.001             | 0.001             | 0.001             | 0.001             |
| Sulphur content                  | % Max                   | 1.1               | 1.1               | 1.1               | 1.1               | 1.1               | 1.1               | 1.1               | 1.1               | 1.1               |
| Toluene discolouration           | % Max                   | 80                | 85                | 85                | 90                | 90                | 90                | 90                | 90                | 90                |
| Individual pellet crush strength | g                       | 10 – 50           | 10 – 50           | 10 – 50           | 10 – 50           | 10 – 50           | 10 – 50           | 10 – 50           | 10 – 50           | 10 – 50           |
| Pour density pelleted            | kg/m <sup>3</sup> Min   | 375               | 330               | 340               | 330               | 320               | 340               | 320               | 310               | 330               |
| Fines content                    | % Max                   | B M. ta - pe - 15 | B M. ta - pe - 15 | B M. ta - pe - 15 | B M. ta - pe - 15 | B M. ta - pe - 15 | B M. ta - pe - 15 | B M. ta - pe - 15 | B M. ta - pe - 15 | B M. ta - pe - 15 |

#### Disclaimer for Specifications

Every effort is made to ensure that technical specifications are accurate. However, technical specifications included herein should be used as a guideline only and not construed as commitment by any company within or supported by the VALETIME Group. All specifications are subject to change without notice.