

## Carbon Black N660

ASTM N660 · GPF · equivalent to Sterling V

Soft grade, general purpose furnace carbon black. Good processing, high filling capacity, middle hardness. Supplied as pellets.

### Typical Properties (Guaranteed Limits)

| Property                      | Specification                      | Test Method |
|-------------------------------|------------------------------------|-------------|
| Iodine Adsorption Number      | 31.0 - 41.0 mg/g                   | ASTM D-1510 |
| Oil Absorption Number (DBP)   | 85.0 - 95.0 cm <sup>3</sup> /100 g | ASTM D-2414 |
| Tint Strength                 | 52.0 - 65.0 %IRB3                  | ASTM D-3265 |
| Pelleted Pour Density         | 420 - 460 kg/m <sup>3</sup>        | ASTM D-1513 |
| Toluene Extract Transmittance | min 75.0 %                         | ASTM D-1618 |
| pH Value                      | 7.5 - 9.0                          | ASTM D-1512 |
| Ash Content                   | max 0.75 %                         | ASTM D-1506 |
| Heating Loss                  | max 1.0 %                          | ASTM D-1509 |
| Pellet Fines                  | max 10.0 %                         | ASTM D-1508 |
| Sieve Residue                 | max 1000 ppm                       | ASTM D-1514 |
| Individual Pellet Hardness    | average 10 - 40; max 50 cN         | ASTM D-3313 |

### Typical Applications

Tires: inner liners, sidewalls and ply compounds in passenger car tires, under-treads and tubes. Industrial rubber: engine mounts, seals and gaskets, hose linings.

### Packing

25 kg paper bags (1,375 kg per pallet) or 1200 kg big bag. 20 FCL: 11,000 kg bagged / 12,000 kg jumbo.

### Storage & Shelf Life

In accordance with ASTM D8043 the shelf life of carbon black is indefinite when stored in a manner that protects it from liquid water or high humidity. Re-testing of moisture content is recommended for material stored at the customer site for more than 12 months. Avoid dust formation; earth all handling equipment; keep away from strong oxidising agents and sources of ignition.

Application suggestions are indicative; final suitability for a specific process or product is to be validated by the customer. The values above are guaranteed specification limits. A batch Certificate of Analysis with measured results accompanies every shipment. Independent pre-shipment inspection (e.g. SGS) is available on request. Refer to the Safety Data Sheet before handling. HS Code: 2803 00.