

THERMAL BLACK N990

Sales specifications

This is obtained in a continuous process in the furnace by a thermal decomposition of natural gas without oxygen. It belongs to semi-reinforcing grades of carbon black and it shows low values of dispersion and structural features.

| Property | Value | Test Method |
|-----------------------------------|---------|-------------|
| Iodine Number, mg/g | 6 - 12 | ASTM D 1510 |
| DBP Absorption, ml/100g | 30 - 45 | ASTM D 2414 |
| Loss at Heating at 1250C, % | ≤ 0.4 | ASTM D-1509 |
| Ash Content, %, max | ≤ 0.2 | ASTM D-1506 |
| Sieve Residue, %, max | | |
| 35 mesh (0,5mm aperture) | ≤ 0.001 | ASTM D-1514 |
| 325 mesh (0,045mm aperture) | ≤ 0.08 | |
| pH-Value | 6 – 11 | ASTM D-1512 |

Application

For rubbers: Good dynamic properties to rubbers with a relatively low dispersion are imparted by this grade of carbon black. It allows to obtain balanced combination of high performance of rubbers with a good processing of mixtures. It is used for manufacture of conveyor belts, as non-active extender for tires, high filler content industrial rubbers.

Packing:

25kg paper or polyethylene bags palletized and shrunk wrapped;
1000 kg big-bags.