

THERMAL BLACK N991

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	7 – 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.