

# THERMAL BLACK N774

## Sales specifications

This is obtained in a continuous process in the furnace by a thermal-oxidative decomposition of natural gas. It belongs to semi active grades of carbon black and it shows low values of dispersion and structural features. It is made in pellet form.

Property	Value	Test Metod
Iodine Number, mg/g	24 -34	ASTM D 1510
DBP Absorption, ml/100g	67 -77	ASTM D 2414
Loss at Heating at 125oC, %	0.4	ASTM D-1509
Ash Content, %, max	0.4	ASTM D-1506
Sieve Residue, %, max		
..... 35 mesh (0,5mm aperture)		ASTM D-1514
..... 325 mesh (0,045mm aperture)	0.08	
Bulk Density, kg/m <sup>3</sup> , min	420	ASTM D-1513
pH-Value	-	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 obtaining an optimum combination of high performance of rubbers with a good processing of mixtures. It is used for manufacture of frameworks, extruded rubber parts, tubes, rubber items subject to dynamic loads;

- For paint and plastics industry: It is used to impart black tint in printing ink mixtures, as a pigment for plastic materials, as a polyolefin UV-stabilizer. These grades are key ingredients used for MASTER BATCHES coloring.

### Packing:

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