

BLACK NRG[®] P803 CARBON BLACK

The cost-effective way to produce non-tyre rubber products using natural and synthetic rubber

PRODUCT INFORMATION

Applications

Developed especially for mass use in rubber industry the **BLACK NRG[®]** P803 carbon black is suitable solution for general non-tyre rubber applications.

This carbon black can be successfully used as a part of rubber compounds for production of molding and profiled rubber products using natural and synthetic rubber:

- sleeves and pipes, including car's fuel systems;
- sealings;
- rubberized fabrics;
- rubber plates;
- rubber mats;
- soft fuel tanks;
- rubber bags;
- conveyor belts.

Performance Features

The engineered for cost-effective use in general purpose rubber applications carbon black P803 delivers high reinforcement performance with very high price-quality ratio.

The high bulk density ensures controlled curing process.

The product can be very effectively used as a only one reinforcer of rubber compounds on the base of natural rubber and together with active carbon blacks grades for rubber compounds on the base of synthetic rubber.

The **BLACK NRG[®]** P803 carbon black delivers high technical characteristics of rubber compounds:

- high wear resistance;
- high tear resistance;
- low shrinkage;
- high endurance;
- long service life (till 15 yers).

Along with that as a filling agent the **BLACK NRG[®]** P803 carbon black cheapens the final rubber product.





Properties of different types of BLACK NRG P803 carbon black.

Properties	Test method	P803 not granulated	P803 granulated
Jodine adsorption, mg/g	ASTM D1510	20	20
DBPA adsorption number cc/100g	ASTM D2414	85	85
Heating loss, max %	ASTM D1509	0,5	0,5
Sieve residue on 045(325 Mesh USStd),PPM	ASTM D1514	≤ 800	≤ 800
pH	ASTM D1512	8	8
Ash content, max %	ASTM D1506	0,2	0,45
Pelleted, Fines content,max %	ASTM D1508	-	6
Rel. Blackness value	PA 1540	90	90
Tolulene discoloration,%	ASTM D1618	≥ 85	≥ 85

The data in the table above are typical values; they are not product specifications.

Product form & Logistics

Product form: powder (not granulated), pellets (granulated).

Properties	P803 not granulated	P803 granulated
Packaging options	Paper bags 15-16 kg	Big bags, paper bags 25-26 kg
FTL(Full Truck Loading), mt	16,3	20

