



ADL NRG GmbH

BLACK NRG[®] P-803/C GRANULATED CARBON BLACK

The low-cost carbon black for simple pigment applications

PRODUCT INFORMATION

Applications

Speciality carbon black **BLACK NRG[®]** P-803/C granulated delivers good solution for a broad range of tinting and coloring applications including:

- Concrete and cement
- General purpose extruded and molded plastics such as fibres, moldings, pipes, compounds etc.

Performance Features

The engineered for cost-effective use in general purpose pigment applications carbon black P-803/C granulated delivers improved color and tinting performance compared to the **BLACK NRG[®]** P-803 grade of granulated carbon black developed for rubber compounds.

The upgraded surface area and oil absorption number ensure better relative blackness value. Easy to disperse, the product delivers good jetness, color intensity and more homogenous colouring.

Properties of speciality carbon black P-803/C granulated in comparison to P-803 granulated standard grade.

Properties	Test method	P803 granulated	P803/C granulated
Jodine adsorption, mg/g	ASTM D-1510	20	20
DBPA adsorption number cc/100g	ASTM D-2414	85	105
Sieve residue on 045(325 Mesh USStd),PPM	ASTM D-1514	≤ 800	≤ 1000
pH	ASTM D-1512	8	8
BET surface area, m ² /g	ASTM D-6556	20	25
Rel.blackness value MYr,%	PA 1540	90	101

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

Product form & Logistics

Product form: Pellets

Packaging options: paper bags 25 kg; big bags.



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