



## **BLACK NRG<sup>®</sup>**

### **P-701 CARBON BLACK** PRODUCT INFORMATION

#### **Applications**

P-701 carbon black is a general-purpose material for broad range of applications. It offers high loading opportunities by keeping high elasticity. These properties and in addition good viscosity allow using P-701 carbon black for a variety of applications:

- Opacity and tinting applications for plastics and coatings
- General purpose extruded and molding plastics
- General dispersions
- Isolation cable rubber, profiled rubber products, conveyor bands
- Masterbatches
- Paints
- Concrete and cement

#### **Performance Features**

P-701 carbon black enables a cost-effective way for applications where the high jetness is not needed. Its properties enable high loadings for masterbatches with low final formulation costs.

#### **Properties of P-701 carbon black**

Properties	Test method	P701 not granulated	P701 granulated
<b>DBPA absorption number cc/100g</b>	ASTM D-2414	65	65
<b>BET surface area</b>	ASTM D-6556	36	36
<b>Sieve residue on 045(325 Mesh USStd),PPM</b>	ASTM D-1514	≤ 800	≤ 800
<b>Sieve residue on 050(350 Mesh USStd),PPM</b>	ASTM D-1514	≤ 10	≤ 10
<b>pH</b>	ASTM D-1512	10	10
<b>Ash content, max %</b>	ASTM D-5630	0,4	0,4
<b>Fines content, pelleted, max %</b>	ASTM D-1508	-	5
<b>Pour density, min, kg/m<sup>3</sup></b>		-	420
<b>Heat loss,%</b>	ASTM D-1509	0,25	0,25

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

#### **Product form & Logistics**

Product form: Pellets, powder.

Packaging options:

Powder: paper bags 20 kg.

Pellets: paper bags 28-30 kg; big bags 1000 kg.

FTL: 20 mt (pellets).

