



**ADL NRG GmbH**

## **BLACK NRG<sup>®</sup>** **P514 CARBON BLACK** PRODUCT INFORMATION

### **Applications**

BLACK NRG P514 carbon black is a semi-reinforcing carbon black with low surface area. It is suitable for wide range of industrial rubber applications. The properties of the product are very similar to ASTM N550 carbon black target values, but has lower structure.

BLACK NRG P514 carbon black can be used in fabric cord, tire side compound, extrusion and rolling compounds; for extruded profiles, hoses, belts, brake diaphragms, and plastic piping. It can also be used as low color pigment black suitable for a wide range pigmentation and less demanding weathering applications.

### **Performance Features**

It is easy-to-disperse, low color, low UV speciality carbon black. For rubber applications the product enables easier dispersion, easier processing but with lower tensile, tear and abrasion properties. Suitable for rubber applications for good extrusion characteristics.

### **Properties of P514 carbon black**

Properties	Test method	P514 not granulated	P514 granulated
DBPA absorption number cc/100g	ASTM D-2414	101	101
Iodine adsorption number, mg/kg	ASTM D-1510	43	43
Sieve residue on 045(325 Mesh USStd), PPM	ASTM D-1514	≤ 1000	≤ 1000
Sieve residue on 050(350 Mesh USStd), PPM	ASTM D-1514	≤ 10	≤ 10
pH	ASTM D-1512	9	9
Ash content, max %	ASTM D-5630	0,4	0,4
Fines content, pelleted, max %	ASTM D-1508	-	5
Pour density, min, kg/m <sup>3</sup>	ASTM D-1513	-	340
Heat loss,%	ASTM D-1509	0,5	0,5

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 15 kg.

Pellets: paper bags 28-30 kg; big bags 840 kg.

FTL: powder 16,3 mt; pellets: 20 mt.

