



ADL NRG GmbH

BLACK NRG[®] **N772 CARBON BLACK** PRODUCT INFORMATION

Applications

BLACK NRG N772 carbon black is a semi-reinforcing carbon black with low surface area of the class semi-reinforcement furnace (SRF) and conforms to ASTM N772 carbon black requirements. It is suitable for wide range of industrial rubber applications.

BLACK NRG N772 carbon black can be used as reinforcing filler in tire tread compounds, primarily truck tires, mechanical rubber goods.

Performance Features

Offers very good abrasion resistance. Provides good tear resistance, high tensile strength, lower modulus, enables high carbon black loadings.

Properties of N772 carbon black

Properties	Test method	N772 not granulated	N772 granulated
DBPA absorption number cc/100g	ASTM D-2414	65	65
Iodine adsorption number, mg/kg	ASTM D-1510	30	30
Sieve residue on 045(325 Mesh USStd),PPM	ASTM D-1514	≤ 500	≤ 500
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 ³	ASTM D-1513	-	420
Heat loss,%	ASTM D-1509	0,2	0,2

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

Product form & Logistics

Product form: Pellets, fluffy.

Packaging options:

Powder: paper bags (20 -21 kg).

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

FTL:20 mt.

