

**N 220** – super-fine reinforcing carbon black with relative low module, which provides high resistance to abrasion and tearing; used in production of tire treads, rehabilitation of treads, as well as production of high quality rubber technical articles and first class conveyer belts.

**N 330** – super-fine reinforcing carbon black providing high tensile strength and well resistance to abrasion; in production of breaker strips, side tires, massive tires, conveyer belts and rubber technical articles.

**N 550** – medium-fine medium-reinforcing carbon black providing high extrusion abilities and relatively high resistance to abrasion; used in production of tire cases and inner tubes, extruded and rubber technical articles as well as hoses and linings.

**N 660** – medium-fine medium-reinforcing low-structured carbon black providing with much higher die swelling and high elasticity by relatively high hardness; could be input in huge amounts; used in production of tire cases and inner tubes, molded and rubber technical articles, single-layer roofing, isolation cable rubbers as well as extruded articles.

## MAIN QUALITY SPECIFICATIONS

	TEST METHOD	N 220 Typical Value	N 330 Typical Value	N 550 Typical Value	N 660 Typical Value	Results of II 234 GOST 7885-86
<b>STAB, m<sup>2</sup>/g</b>	D 3765	111±5	82±5	42±5	36±5	98±4
<b>Iodine Absorption, g/kg</b>	D 1510	121±5	82±5	43±5	36±5	105±6
<b>DBF Absorption, sm<sup>3</sup>/100 g</b>	D 2414	114±5	102±5	121±5	90±5	101±4
<b>C-DBF Absorption, sm<sup>3</sup>/100 g</b>	D 3493	100±5	88±5	88±5	75±5	
<b>pH</b>	D 1512	6-9	6-9	6-9	6-9	6-9
<b>Heating Loss at 105 °C, max.</b>	D 1509	1.0	1.0	1.0	1.0	1.0
<b>Ash Content, %, max.</b>	D 1506	0.45	0.45	0.45	0.45	0.45
<b>Sulfur Content, %, max.</b>	D 1619	1.1	1.1	1.1	1.1	1.1
<b>Sieve Residue</b>						
0,045 mm, %, max.	D 1514	0.1	0.1	0.1	0.1	0.8
0,500 mm, %, max.		0,001	0,001	0,001	0,001	0,001
<b>Toluene Discoloration, %, min.</b>	D 1618	90	90	85	85	90
<b>Pour Density, kg/m<sup>3</sup></b>	D 1513	345±25	375±25	360±25	425±25	340
<b>Fines Content, %, max.</b>	D 1508	7.0	7.0	7.0	7.0	7.0

**Packing:**

Paper bags (21-24 kg) on wooden pallets covered by shrinkable film vs. soft polypropylene "BIG-BAGs" (850-900 kg) on wooden pallets

**Transportation:**

By truck or in containers (max. 22 MT)