

Technical Indicators of Carbon Black for Rubber Use (GB3778-2011)

No.	Name of Product				
	Indicators	N220	N330	N550	N660
	Item				
1	Iodine Absorption Value, g/kg	121±7	82±6	43±5	36±5
2	DBP Absorption Value, 10 ⁻⁵ m ³ /kg	114±6	102±6	121±7	90±5
3	DBP Absorption of Compressed sample, 10 ⁻⁵ m ³ /kg	90-104	82-94	80-90	69-79
4	CTAB Absorption Area, 10 ³ m ² /kg	103-117	73-85	36-48	31-43
5	Adsorptive Specific Surface Area of Nitrogen, 10 ³ m ² /kg	106±7	75±6	39±5	34±5
6	Nitrogen Absorption Surface Area, 10 ³ m ² /kg	107-121	72-84	35-45	30-40
7	Tint Intensity, %	108-124	96-112	--	--
8	Decrement After Heating, %≤	2.5	2.0	1.5	
9	Ash, %≤				
10	45μm Sieve Residue, %≤				
11	150μm Sieve Residue, %≤				
12	Impurities				
13	300% Stretching Stress, Mpa ≥	-1.9±	-0.5±	-2.2±	
		1.5	1.5	1.5	