PrJSC "KCBP"
Table of carbon black quality parameters, according to ASTM

№	Quality parameters	Carbon black grades according to ASTM methods												ASTM methods
		N220	N234	N326	N330	N339	N347	N375	N539	N550	N650	N660	N772	
1.	Iodine Adsorption Number, g/kg	121±5	120±5	82±5	82±5	90±5	90±5	90±5	43±5	43±5	36±5	36±5	30±5	D1510
2.	Oil Absorption Number, $cm^3/100g$	114±5	125±5	72±5	102±5	120±5	124±5	114±5	111±5	121±5	122±5	90±5	65±5	D2414
3.	pH Value	7÷10	7÷10	7÷10	7÷10	7÷10	7÷10	7÷10	7÷10	7÷10	7÷10	7÷10	7÷10	D1512
4.	Heating Loss, % , max	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	D1509
5.	Ash Content, %, max	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	0,45	D1506
6.	Sieve Residue 45μm (325 USStd Sieve) ppm, max	200	200	200	200	200	200	200	200	200	200	200	200	D1514
7.	Sulfur Content, %, max	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	1,1	D1619
8.	Transmittance of Toluene Extract, %, min	75	75	85	85	70	80	70	85	85	80	75	80	D1618
9.	Automated Individual Pellet Hardness, g	10÷50	10÷50	10÷50	10÷50	10÷50	10÷50	10÷50	10÷50	10÷50	10÷50	10÷50	10÷50	D5230
10.	Pour Density, pelleted carbon black, kg/m^3, min	330	310	410	350	320	310	330	340	330	340	390	480	D1513
11.	Fines Content, %, max hopper packing	7 15	7 15	7 15	7 15	7 15	7 15	7 15	7 15	7 15	7 15	7 15	7 15	D1508