

MATERIAL SPECIFICATION

PROPERTY	N550	N650	N660	Tolerance	ASTM test method
1. Iodine adsorption number, g/kg	43	36	36	±5	D 1510
2. Oil absorption number, cm ³ /100kg	121	122	90	±5	D2414
3. CTAB surface area, m ² /g	42	38	36	±5	D 3765
4. Sieve residue 45 µm (No. 325), %, max				≤0,1	D 1514
5. Sieve residue 500 µm (No. 35), %				≤0,001	D 1514
6. Heating loss, %				≤1,0	D 1509
7. Ash content, %, max				≤0,75	D 1506
8. Pour density, kg/m ³	360	370	440	±25	D 1513
9. Fines content, %, max				≤7	D 1508
10. pH value				7 - 10	D1512
11. Sulfur content, %				≤1,1	D1619
12. Individual pellet hardness (average of 20), g				15 - 100	D 5230
13. Individual pellet hardness(max of 20), g				≤100	D 5230
14. Toluene discoloration, %, min	80	30	75		D 1618
15. BET surface area (NSA), m ² /g	40	36	35	±5	D 6556
16. External surface area (STSA), m ² /g	39	35	34	±5	D 6556
17. Tint strength		-		-	D 3265
18. Oil absorption number of compressed sample, cm ³ /100g	85	84	74	±5	D3493
19, Reception temperature, °C				<100	

PROPERTY	N220	N330	N339	N375	N347	Tolerance	ASTM test method
1. Iodine adsorption number, g/kg	121	82	90	90	90	±5	D 1510
2. Oil absorption number, cm ³ /100kg	114	102	120	114	124	±5	D2414
3. CTAB surface area, m ² /g	111	82	93	96	87	±5	D3765
4. Sieve residue 45 µm (No. 325), %						≤0,1	D1514
5. Sieve residue 500 µm (No. 35), %						≤0,001	D1514
6. Heating loss, %						≤1,0	D1509
7. Ash content, %						≤0,75	D 1506
8. Pour density, kg/m ³	355	380	345	345	335	±25	D 1513
9. Fines content, %						≤7	D 1508
10. pH value						7 - 10	D 1512
11. Sulfur content, %						≤1,1	D1619
12. Individual pellet hardness (average of 20), g						15 - 100	D 5230
13. Individual pellet hardness(max of 20), g						≤100	D 5230
14. Toluene discoloration, %, min	90	85	75	75	75		D 1618
15. BET surface area (NSA), m ² /g	114	78	91	93	85	±5	O 6556
16. External surface area (STSA), m ² /g	106	75	88	91	83	±5	D 6556
17. Tint strength	116	104	111	114	105	±5	D 3265
18. Oil absorption number of compressed sample, cm ³ /100g	98	88	99	96	99	±5	D 3493
19, Reception temperature, °C						<100	