



## SPECIFICATION

### CARBON BLACK - N220

HS CODE - 28030010 | CAS NO - 1333-86-4

Parameters	ASTM Value	Value
External Surface Area, m <sup>2</sup> /g	-	111 ± 5
Iodine Number, g/kg	121	121 ± 5
DBP Absorption Number, cm <sup>3</sup> / 100 g	114	114 ± 4
pH	-	6 - 8
Heating Loss, %, max	-	1,0
Sieve Residue, %, max	-	-
- 05	-	0,001
- 0045	-	0,1
Sulphur Content, %, max	- <sup>TM</sup>	1,1
Fines Content, Pelleted, %, max	-	7,0
Pour Density, Pelleted, kg/m <sup>3</sup>	355	345 ± 30
Ash, %, max	-	0,45
Toluene Discoloration, % transmittance, min	-	90
Individual Pellet Hardness, g	-	25 - 100
Tint Index, % ITRB	116	115 ± 5
Modulus at 300%, MPa (IRB 6)	-2	+ 0,9 ± 1,0
Carbon Black Temperature in a Hopper Car, C, max	-	65
DBP Absorption Number of Compressed Sample, cm <sup>3</sup> / 100 g/	98	100 ± 5
Nitrogen Adsorption Number, m <sup>2</sup> /g (D6556)	119	1154 ± 5
External Surface Area Based on the Statistical Thickness Surface Area Method, m <sup>2</sup> /g (D6556)	106	-
Toluene Extractables, %, max	-	0,15