



SPECIFICATION

CARBON BLACK - N550

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

Parameters	ASTM Value	Value
External Surface Area, m ² /g		42 ± 5
Iodine Number, g/kg	43	43 ± 5
DBP Absorption Number, cm ³ / 100 g	121	121± 4
pH		6 - 8
Heating Loss, %, max		0,9
Sieve Residue, %, max	-	-
- 05		0,001
- 0045		0,1
Sulphur Content, %, max		1,1
Fines Content, Pelleted, %, max		7,0
Pour Density, Pelleted, kg/m ³	360	365 ± 30
Ash, %, max		0,45
Toluene Discoloration, % transmittance, min		85
Individual Pellet Hardness, g		25 - 100
Tint Index, % ITRB	116	-
Modulus at 300%, MPa (IRB 6)	-1,3	+ 1,7 ± 1,0
Carbon Black Temperature in a Hopper Car, C, max		65
DBP Absorption Number of Compressed Sample, cm ³ / 100 g/	85	88 ± 5
Nitrogen Adsorption Number, m ² /g (D6556)	40	88 ± 5
External Surface Area Based on the Statistical Thickness Surface Area Method, m ² /g (D6556)	39	
Toluene Extractables, %, max		0,15