



SPECIFICATION

CARBON BLACK - N234

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

Parameters	ASTM Value	Value
External Surface Area, m ² /g		119 ± 6
Iodine Number, g/kg	120	120 ± 5
DBP Absorption Number, cm ³ / 100 g	125	125 ± 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	320	320 ± 30
Ash, %, max		0,45
Toluene Discoloration, % transmittance, min		90
Individual Pellet Hardness, g		25 - 100
Tint Index, % ITRB	123	124 ± 5
Modulus at 300%, MPa (IRB 6)	0,1	+ 2,3 ± 1,0
Carbon Black Temperature in a Hopper Car, C, max		65
DBP Absorption Number of Compressed Sample, cm ³ / 100 g/	102	100 ± 5
Nitrogen Adsorption Number, m ² /g (D6556)	119	-
External Surface Area Based on the Statistical Thickness Surface Area Method, m ² /g (D6556)	112	
Toluene Extractables, %, max		0,15