

CARBON BLACK N121

CHEMICAL AND PHYSICAL PROPERTIES

No	Properties	Unit	Value	ASTM
1.	NSA	$10^3 \text{ m}^2/\text{kg}$ (m^2/g)	122±5	D 6556
2.	STSA	$10^3 \text{ m}^2/\text{kg}$ (m^2/g)	114±5	D 6556
3.	Iodine Adsorption Number	g/kg	121±5	D 1510
4.	COAN	$10^{-5} \text{ m}^3/\text{kg}$	111±5	D 3493
5.	DBP Absorption Number (OAN)	$10^{-5} \text{ m}^3/\text{kg}$	132±5	D 2414
6.	PH Value		6-9	D 1512
7.	Heating Loss at 105 C°, max	%	0.9	D 1509
8.	Ash Content, max	%	0.45	D 1506
9.	Sulfur, max	%	1.1	D 1619
10.	Sieve Residue 0.045 mm, max	%	0.1	D 1514
11.	Sieve Residue 0.500 mm, max	%	0.001	D 1514
12.	Fines Content, max	%	7	D 1508
13.	Pour Density	kg/m^3	320±25	D 1513
14.	Tint Strength		119±5	D 3265
15.	Toluene Discoloration, min	%	80	D 1618
16.	Individual Pellet Crash	cN	0.25-1.0	D 5230