Continental Carbon®

Target Values[A]			Typical Descriptive Values[A]					
ASTM	Iodine	Oil	Oil Absorption	NSA Multipoint	STSA	Tint	Pour Density	Δstress[D] at 300%
Classification	Adsorption No[B]	Absorption No.	No. Compressed	D6556	D6556	Strength	D1513	Elongation, Mpa (psi)
	D1510 g/kg	D2414 10^{-5} m^3/kg	Sample	10^3 m^2/kg	10^3 m^2/kg	D3265	kg/m^3	cured at 145°C
			D3493 10^{-5} m^3/kg	(m^2g)	(m^2g)		lb/ft^3	D412, D3182, & D3192
N120*	122	114	99	126	113	129	345 (21.5)	-0.4 (-60)
N234*	120	125	102	119	112	123	320 (20.0)	-0.1 (-10)
N326*	82	72	68	78	76	111	455 (28.5)	-3.6 (-530)
N330*	82	102	88	78	75	104	380 (23.5)	-0.6 (-80)
N339*	90	120	99	91	88	111	345 (21.5)	0.9 (140)
N351*	68	120	95	71	70	100	345 (21.5)	1.1 (160)
N550*	43	121	85	40	39	...	360 (22.5)	-0.6 (-90)
N650*	36	122	84	36	35	...	370 (23.0)	-0.7 (-110)
N660*	36	90	74	35	34	...	440 (27.5)	-2.3 (-330)
N683*	35	133	85	36	34	...	355 (22.0)	-0.4 (-60)
N762*	27	65	59	29	28	...	515 (32.0)	-4.6 (-660)
N774*	29	72	63	30	29	...	490 (30.5)	-3.8 (-550)

[A]See note above. See Also Terminology D3053

[B]In general, Test Method D1510 can be used to estimate the surface area of furnance blacks but not channel, and thermal blacks

[C]new numbers are marked to designate that the requestor has one-year period, starting from the numbers's approval date as shown in Footnote 1, to revise, by letter ballot, target and typical values.

[D]ΔStress = stress at 300% elongation of test black minus the stress at 300% elongation of IRB No. 8 [Conversion of Mpa to psi = 145.0377(Mpa)] {Conversion of kg/m