RALSON CARBON GOODLUCK

N-220

GENERAL DESCRIPTION

It is an industry standard for many tire applications and often used as the benchmark in tread wear testing against other carbon blacks. It is higher in surface area than N300 series products.N-220 black is also recommended for industrial rubber products.

PERFORMANCE FEATURES

It has excellent extrusion characteristics and it's ease of dispersion makes it factory friendly. It is also recommended for decorative solvent based paints & printing inks.It is best suited for Applications that require high abrasion and tear resistance such as conveyor belts and solid tires.

TYPICAL APPLICATIONS

• OTR tires • Passenger tire treads •Automobile • Hoses & Hose cover • Footwear • Masterbatch
• Film • Paints • Inks • Dyes • Pigments • Solid tires • Conveyor Belts • Molded Components
• Retreading

PROPERTIES

TEST METHOD	(ASTM)	UNITS	LSL	USL	Targeted Range
Iodine Adsorption Number	D1510	g/kg	116	126	120
Oil Absorption Number (OAN)	D2414	cc/100g	109	119	114
OAN after Crushing (COAN)	D3493	cc/100g	95	105	100
Tinting Strength	D3265	%	111	121	116
N2 SA	D6556	m2/g	109	119	114
Pour Density	D-1513	kg/m³	315	365	340
Sieve Residue #325 mesh	D-1514	%	---	0.050	---
Sieve Residue #35 mesh	D-1514	%	---	0.001	---
Ash Content	D-1506	%	--	0.75	---
Fines Content	D-1508	%	--	8	---
Toluene Discoloration	D-1618	%T	98	--	---
Pellet Hardness(avg.)	D-5230	gmf	15	35	25
Moisture Content	D-1509	%	--	2.0	---
Modulus 300% (Difference from IRB7)	D-3192/ D-412	Mpa	-3.2	-1.2	-2.3