RALSON CARBON GOODLUCK

N-326

GENERAL DESCRIPTION

This is a High-dispersion carbon black with low structure that Provides low modulus, high elongation at break, tear resistance and high fatigue strength.It has the lowest structure of the N300 black series. The surface area of N-326 carbon black is similar to N-330, higher than N-351 but lower than N-339, N-347 and N-375 carbon blacks.

PERFORMANCE FEATURES

N-326 carbon black imparts high elongation and good tear resistance to rubber compounds. It gives high green strength with low compound viscosity for good scorch resistance and compound flow, which are important for the adhesion of rubber compounds to reinforcement materials.

TYPICAL APPLICATIONS

• OTR Tires • Rubber Coatings Compound of Steel Wire and Fabric Layers in Various Hoses and Belts • Automobile • Hoses & Hose Cover • Fibre • Paints • Inks • Dyes • Pigments

PROPERTIES

TEST METHOD	(ASTM)	UNITS	LSL	USL	Targeted Range
Iodine Adsorption Number	D1510	g/kg	77	87	82
Oil Absorption Number (OAN)	D2414	cc/100g	68	76	72
OAN after Crushing (COAN)	D3493	cc/100g	64	74	69
Tinting Strength	D3265	%	111	121	116
N2 SA	D6556	m2/g	73	83	78
Pour Density	D-1513	kg/m³	425	475	450
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	86	--	85
Pellet Hardness(avg.)	D-5230	gmf	15	35	24
Moisture Content	D-1509	%	--	1.5	---
Modulus 300% (Difference from IRB7)	D-3192/ D-412	Mpa	-5.7	-2.2	-4.0