RALSON CARBON GOODLUCK

N-330

GENERAL DESCRIPTION

N-330 Provides good abrasion resistance with high resilience, easy processing, good tensile and tear properties.N-330 is particularly suited for tire treads that requires excellent wear resistance, including those made from emulsion SBR, solution SBR, PBR, NR or blends of any of these polymers.

PERFORMANCE FEATURES

It has excellent extrusion characteristics and the ease of dispersion makes it factory friendly. It is recommended for industrial rubber product applications, including conveyor belts, solid tires and other products requiring moderate abrasion resistance.

TYPICAL APPLICATIONS

• OTR Tires • Carcass • Automobile • Bicycle Tyre • Profiles • V-belts • Conveyor Belt • Cable • Footwear • Masterbatch • Fibre • Film • Paints • Inks • Dyes • Pigments • Belt and ply • Retreading • Industrial Rubber Product • Solid tires • Hoses & Hose covers • Molded compounds

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	97	107	102
OAN after Crushing (COAN)	D3493	cc/100g	83	93	88
Tinting Strength	D3265	%	99	109	104
N2 SA	D6556	m2/g	73	83	78
Pour Density	D-1513	kg/m³	347	397	372
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	96	--	---
Pellet Hardness(avg.)	D-5230	gmf	15	35	25
Moisture Content	D-1509	%	--	1.5	0.35
Modulus 300% (Difference from IRB7)	D-3192/ D-412	Mpa	-2.4	-0.4	-1.40