

N-347

## GENERAL DESCRIPTION

N-347 is High-dispersing and amplifying carbon black with high structure. It Provides enhanced workability & abrasion resistance. N-347 in structure is similar to N-339, but higher than N-330 and N-375 carbon blacks.

## PERFORMANCE FEATURES

It has a high structure, which gives it easy dispersion properties and it gives moderately high modulus, High abrasion resistance and high tensile strength.

## TYPICAL APPLICATIONS

- OTR tires • Automobile • Hoses & Hose covers

## PROPERTIES

TEST METHOD	(ASTM)	UNITS	LSL	USL	Targeted Range
Iodine Adsorption Number	D1510	g/kg	85	95	90
Oil Absorption Number (OAN)	D2414	cc/100g	118	128	123
OAN after Crushing (COAN)	D3493	cc/100g	95	100	95
Tinting Strength	D3265	%	100	110	105
STSA Surface Area	D6556	m <sup>2</sup> /g	80	90	85
Pour Density	D-1513	kg/m <sup>3</sup>	311	361	336
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	95	--	---
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	-1.0	+1.0	0.2