

N-339

## GENERAL DESCRIPTION

N-339 is higher in surface area as compare to N-330 and N-326 carbon blacks. It provides high abrasion resistance, high tensile strength, high modulus, improve extrusion and wear resistance.

## PERFORMANCE FEATURES

N-339 is suited for tire treads that requires better wear, tear and cut/chip resistance. It is recommended for industrial rubber product applications that require high abrasion and tear resistance such as conveyor belts and solid tires.

## TYPICAL APPLICATIONS

- OTR Tires • Automobile • Retreading • Hoses & Hose Covers • V-belts • Passenger Tire Treads
- Solid Tires • Conveyor Belts • Molded Components

## 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	115	125	120
OAN after Crushing (COAN)	D3493	cc/100g	95	105	100
Tinting Strength	D3265	%	106	116	111
N <sub>2</sub> SA	D6556	m <sup>2</sup> /g	83	93	88
Pour Density	D-1513	kg/m <sup>3</sup>	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	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	-0.7	+1.3	0.3