

N-762

## GENERAL DESCRIPTION

N-762 is a high structure carbon black. It gives better dispersion, high modulus and low die-swell compared to N-772 type black.

## PERFORMANCE FEATURES

N-762 provides Good dynamic properties to rubbers with a relatively medium dispersion. It is used to give black tint in the mixture for printing ink and as a pigment for plastic materials.

## TYPICAL APPLICATIONS

• General molding • Seals • Footwear

## PROPERTIES

TEST METHOD	(ASTM)	UNITS	LSL	USL	Targeted Range
Iodine Adsorption Number	D1510	g/kg	24	34	29
Oil Absorption Number (OAN)	D2414	cc/100g	63	73	68
OAN after Crushing (COAN)	D3493	cc/100g	54	64	59
N <sub>2</sub> SA	D6556	m <sup>2</sup> /g	34	24	29
Pour Density	D-1513	kg/m <sup>3</sup>	470	520	495
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	76	---	---
Pellet Hardness	D-5230	gmf	15	35	25
Moisture Content	D-1509	%	--	1.5	---
Modulus 300% (Difference from IRB7)	D-3192/ D-412	Mpa	-5.9	-3.9	-4.9