

N-765

GENERAL DESCRIPTION

N-765 has a large aggregate size carbon black and it offers excellent processing characteristics in all types of rubber. It is a semi reinforcing carbon black that is used in various tire applications requiring high modulus, moderate reinforcement and excellent processing characteristics.

PERFORMANCE FEATURES

It is used for manufacturing of frameworks, extruding rubber articles, tube, rubber articles subject to dynamic loads. It is also used as a semi-active filler in production of the industrial rubber articles. It is used in masterbatch.

TYPICAL APPLICATIONS

• General Molding • V-belts • Cable

PROPERTIES

TEST METHOD	(ASTM)	UNITS	LSL	USL	Targeted Range
Iodine Adsorption Number	D1510	g/kg	27	37	32
Oil Absorption Number (OAN)	D2414	cc/100g	110	120	115
OAN after Crushing (COAN)	D3493	cc/100g	76	86	81
N ₂ SA	D6556	m ² /g	29	39	34
Pour Density	D-1513	kg/m ³	343	393	368
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	85	---	---
Pellet Hardness	D-5230	gmf	15	35	25
Moisture Content	D-1509	%	--	1.5	---
Modulus 300% (Difference from IRB7)	D-3192/ D-412	Mpa	-3.1	-1.1	-2.1