Product Name: N550
Revision date: 2016-8-30
Version:1.0

N550: First Extrusion Furnace black

Product Description

Impart high modulus and high tensile as per ASTM NR compound compared to N660 at equivalent hardness.

Product Features

- High Structure comparable to N650
- Tint% higher than N650 and N660
- Surface Area higher than N650 and N660
- Sieve Residue less than 100 ppm in 325 Mesh and at 100 Mesh it is nil

Applications

- Inner tubes/ Passenger car tire sidewall/ Beads/ Plies/ Cycle tyre/ tube/ conveyor belt/ Belt
- Profile applications/ Engine mounts
- Oil seals/ Cable/ Footwear

Technical Specifications

	Test Method	Units	Specified range
Tint	**D-3265**	% (ITRB #3)	60 ± 5
DBP No. (OAN)	**D-2414**	(cc/100 g)	121 ± 5
24 M_4 DBP NO. (COAN)	**D-3493**	(cc/100g)	83 - 87
CTAB	**D-3765**	(m^2/ g)	42 ± 5
STSA	**D-6556**	m^2/ g)	38 - 40
N_2 SA	**D-6556**	(m^2/ g)	39 - 41
I_2 No.	**D-1510**	(mg/g)	43 ± 5
pH	**D-1512**		7.5 ± 1.5
Ash (max.)	**D-1506**	% (max.)	0.5
P.D.	**D-1513**	kg/m^3	353 - 369

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S.R # 325 (max.)	**D-1514**	%	0.02
S.R. # 100 (max.)	**D-1514**	%	0.002
S.R. # 35 (max.)	**D-1514**	%	Nil
M 300% (Diff. from IRB#8) 30' @ 145 ^{0} C	**D-3192/ D-412**	(Mpa)	-0.69 ± 1.0
Fines 5' (Max)	**D-1508**	%	7.0
Pellet Hardness	**D-5230**	(gf)	15 - 50
Heating Loss (Max.)	**D-1509**	%,	1.5 (PB) / 1.0 (JB)
T.D. (Min.)	**D-1618**	% T	85
Mass Strength	**D-1937**	kgf	20 ± 5

Packaging

- May be available in 25 kg two ply craft paper bag
- 1000 kg jumbo bags

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