Product Name: N660
Revision date: 2016-8-30
Version:1.0

N660: General Purpose Furnace black

Product Description

Impart low modulus and low tensile as per ASTM NR compound compared to N550 with equivalent hardness.

Product Features

- Medium Structure Black
- Low Surface Area
- Sieve Residue less than 200 ppm in 325 Mesh
- Low reinforcing black

Applications

- Carcass compound/ Tube/ beads/ plies/ cycle tyre/ tube/ V belt
- Hose application. Engine mounts and belt inner liner/ Door seal/ cable/ oil seals/ conveyor belts

Technical Specifications

	Test Method	Units	Specified range
Tint	**D-3265**	% (ITRB #3)	58 ± 5
DBP No. (OAN)	**D-2414**	(cc/100 g)	90 ± 5
24 M_4 DBP NO. (COAN)	**D-3493**	(cc/100g)	72 - 75
CTAB	**D-3765**	(m^2/ g)	35 ± 5
STSA	**D-6556**	m^2/ g)	34 - 35
N_2 SA	**D-6556**	(m^2/ g)	34 - 36
I_2 No.	**D-1510**	(mg/g)	36 ± 5
pH	**D-1512**		7.5 ± 1.5
Ash (max.)	**D-1506**	% (max.)	0.5
P.D.	**D-1513**	kg/m^3)	432 - 458

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S.R # 325 (max.)	**D-1514**	%	0.03
S.R. # 100 (max.)	**D-1514**	%	0.003
S.R. # 35 (max.)	**D-1514**	%	0.0005
M 300% (Diff. from IRB#8) 30' @ 145 ^{0} C	**D-3192/ D-412**	(Mpa)	-2.39 ± 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	80
Mass Strength	**D-1937**	kgf	22 ± 5

Packaging

- May be available in 25 kg two ply craft paper bag
- 1000 kg jumbo bags
- 1200 kg jumbo bags

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