Product Name: N220
Revision date: 2016-8-30
Version:1.0

N220:Super Abrasive Furnace Black.

Product Description

Impart high abrasive resistance ,High Tensile, Good tear and low modulus based on ASTM NR formulation compared to N339/N347

Product Features

- High structure
- High tint% compared to N347/N339 and comparable with N375
- High surface area
- Medium sieve Residue %

Applications

- Tyre Treads of passenger and Truck Tires/Truck tyre Retread
- Solid Tires
- Conveyor belts/ Seals/ Moldings/ Hose cover

Technical Specifications

	Test Method	Units	Specified range
Tint	**D-3265**	% (ITRB #3)	116 - 117
DBP No. (OAN)	**D-2414**	(cc/100 g)	114 ± 5
24 M_4 DBP NO. (COAN)	**D-3493**	(cc/100g)	96 - 100
CTAB	**D-3765**	(m^2/ g)	111 ± 5
STSA	**D-6556**	m^2/ g)	105 - 107
N_2 SA	**D-6556**	(m^2/ g)	112 - 115
I_2 No.	**D-1510**	(mg/g)	121 ± 5
pH	**D-1512**		7.5 ± 1.5
Ash (max.)	**D-1506**	% (max.)	0.5
P.D.	**D-1513**	kg/m^3)	337 - 361

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S.R # 325 (max.)	**D-1514**	%	0.1
S.R. # 100 (max.)	**D-1514**	%	0.01
S.R. # 35 (max.)	**D-1514**	%	0.001
M 300% (Diff. from IRB#8) 30' @ 145 ^{0} C	**D-3192/ D-412**	(Mpa)	-2.09 ± 1.0
Fines 5' (Max)	**D-1508**	%	7.0
Pellet Hardness	**D-5230**	(gf)	15-50
Heating Loss (Max.)	**D-1509**	%,	2.5 (PB) / 1.5 (JB)
T.D. (Min.)	**D-1618**	% T	80
Mass Strength	**D-1937**	kgf	22 ± 5

Packaging

- May be available in 25 kg three ply poly coated paper bag
- 875 kg jumbo bags
- 900 kg jumbo bags
- 1000 kg jumbo bags

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