

Product Technical Data Sheet



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 M₄ 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
N₂ SA	D-6556	(m ² / g)	112 - 115
I₂ 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 ° 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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