

Product Technical Data Sheet



Product Name: n375
Revision date: 2016-8-30
Version:1.0

N375: High Abrasive and Normal Structure Furnace Black:

Product Description

Impart high abrasive resistance and Inominal modulus based on ASTM NR formulation compared to N339 & N347

Product Features

- Norman Structure comparable to N220, however compressed structure lower than N339/N347
- Tint% higher than N339 and N347 comparable to N220
- High surface area greater than N330, N347
- Medium sieve Residue %

Applications

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

Technical Specifications

	Test Method	Units	Specified range
Tint	D-3265	% (ITRB #3)	114 -115
DBP No. (OAN)	D-2414	(cc/100 g)	114 ± 5
24 M₄ DBP NO. (COAN)	D-3493	(cc/100g)	95 - 98
CTAB	D-3765	(m ² / g)	98 ± 5
STSA	D-6556	m ² / g)	90 - 91
N₂ SA	D-6556	(m ² / g)	91 - 95
I₂ No.	D-1510	(mg/g)	90 ± 5
pH	D-1512		7.5 ± 1.5
Ash (max.)	D-1506	% (max.)	0.5
P.D.	D-1513	kg/m ³	345 - 350

Product Technical Data Sheet



Product Name: n375
Revision date: 2016-8-30
Version: 1.0

S.R # 325 (max.)	D-1514	%	0.05
S.R. # 100 (max.)	D-1514	%	0.005
S.R. # 35 (max.)	D-1514	%	0.001
M 300% (Diff. from IRB#8) 30' @ 145 ° C	D-3192/ D-412	(Mpa)	+0.31 ± 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 poly coated paper bag
- 1000 kg jumbo bags

Disclaimer

This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. This information may contain inaccuracies, errors or omissions and Himadri Speciality Chemical Ltd. disclaims all warranties express or implied, including merchantability or fitness for a particular purpose as to (i) such information, (ii) any product or (iii) intellectual property infringement. In no event is Himadri Speciality Chemical Ltd. responsible for, and does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.