

## Product Technical Data Sheet



**Product Name:** N339:  
**Revision date:** 2016-8-30  
**Version:**1.0

### N339: High Abrasive and High Structure Furnace Black.

#### Product Description

Impart high abrasive resistance and high modulus based on ASTM NR formulation compared to N330 & N347

#### Product Features

- High structure
- Tint% higher than N330
- High surface area greater than N330
- Medium sieve Residue %

#### Applications

- Tyre Treads of passenger / Truck/ Bus Tires
- Solid Tires/ OTR/ Retreading
- Conveyor belts/ V belts/ Seals/ Moldings/ Hose cover

#### Technical Specifications

	Test Method	Units	Specified range
<b>Tint</b>	<b>D-3265</b>	% ( ITRB #3)	110 - 112
<b>DBP No. (OAN)</b>	<b>D-2414</b>	(cc/100 g)	120 ± 5
<b>24 M<sub>4</sub> DBP NO. (COAN)</b>	<b>D-3493</b>	(cc/100g)	96 - 101
<b>CTAB</b>	<b>D-3765</b>	(m <sup>2</sup> / g)	95 ± 5
<b>STSA</b>	<b>D-6556</b>	m <sup>2</sup> / g)	85 – 89
<b>N<sub>2</sub> SA</b>	<b>D-6556</b>	(m <sup>2</sup> / g)	89 - 92
<b>I<sub>2</sub> No.</b>	<b>D-1510</b>	(mg/g)	90 ± 5
<b>pH</b>	<b>D-1512</b>		7.5 ±1.5
<b>Ash (max.)</b>	<b>D-1506</b>	% (max.)	0.5
<b>P.D.</b>	<b>D-1513</b>	kg/m <sup>3</sup>	328 - 353

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<b>S.R # 325 (max.)</b>	<b>D-1514</b>	%	0.05
<b>S.R. # 100 (max.)</b>	<b>D-1514</b>	%	0.005
<b>S.R. # 35 (max.)</b>	<b>D-1514</b>	%	0.001
<b>M 300% (Diff. from IRB#8) 30' @ 145 ° C</b>	<b>D-3192/ D-412</b>	(Mpa)	+0.81 ± 1.0
<b>Fines 5' (Max)</b>	<b>D-1508</b>	%	7.0
<b>Pellet Hardness</b>	<b>D-5230</b>	(gf)	15-50
<b>Heating Loss (Max.)</b>	<b>D-1509</b>	%,	2.5 (PB) / 1.5 (JB)
<b>T.D. (Min.)</b>	<b>D-1618</b>	% T	80
<b>Mass Strength</b>	<b>D-1937</b>	kgf	22 ± 5

### Packaging

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

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