

## Material Datasheet

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Donaueschingen, 11.03.15

Compound: 435.40 (NBR)  
 Colour: black  
 Specification: RoHS-compliant

Testing	Standard	Unit	Value
Hardness	DIN 53505 A	Shore A	41
Density	DIN 53479 A	g/cm <sup>3</sup>	1,08
Tensile Strength	Similar to DIN 53504 S2	MPa	4,3
Modulus 100 %	Similar to DIN 53504 S2	MPa	1,3
Elongation at Break	Similar to DIN 53504 S2	%	330
Rebound Resilience	DIN 53512	%	61
Tear Strength	Similar to DIN 53507 A	N/mm	2,0
Temperature Range	von bis	°C	-30 100
Compression Set 22 h/70°C 70 h/23°C	Similar to DIN 53517 I	%	43,7 8,0
Output	Spidermold	%	67,6
Shrinkage CM TM		%	3,09 3,38

Cure conditions: 2 mm – Plate                      8 min / 170°C  
 6 mm – Plate    12 min / 170°C

Laboratory  
 (i. A. Franziska Heinzmann)

The values are based on measurements of random samples and the properties represent only way forward. The use of rubber in different medie, temperatures and applications can be found binding only after an individual examination for purpose product.