Material
85 HNBR 216553

yellow-green

cross linking: peroxidic

ESP ENGINEERED SEAL PRODUCTS® 100% Employee-Owned

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Physical properties	nominal range	typical values	
Density DIN EN ISO 1183-1, 23 °C	1.17 ±0.02	1.17	g/cm³
Hardness DIN ISO 7619-1, Shore A, 23 °C	85 ±5	85	Shore
Modulus 100 %, DIN 53504, S2, 23 °C	---	11.6	MPa
Tensile strength DIN 53504, S2, 23 °C	> 12	15.1	MPa
Elongation at Break DIN 53504, S2, 23 °C	> 90	119	%
Temperature range	-25°C to 140°C		

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
(EG) 1935/2004	EU		food		☑
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)		☑
ADI Free			see certificate		☑
BFR XXI, Kat 4	DE		food		☑
FDA	USA	Seals	§ 177.2600		☑

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No ASTM D2000 properties available

Specific characteristic and limitations for the use in food contact are set out in the corresponding declaration of conformities.

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufactories process and the component geometry.

The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisons do not plan for something else.

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