

Material 75 Fluoroprene XP45

powder blue
cross linking: peroxidic

print date	revision index	revision date	page	1/1
8/14/2017	1	5/15/2014		

Physical properties	required	actual	
Density DIN EN ISO 1183-1, 23 °C	1.98 ±0.03	2.02	g/cm ³
Hardness DIN ISO 7619-1, Shore A, 23 °C	75 ±5	77	Shore
Modulus 100 %, DIN 53504, S2, 23 °C	---	5.9	MPa
Tensile strength DIN 53504, S2, 23 °C	> 18	19.5	MPa
Elongation at Break DIN 53504, S2, 23 °C	> 250	306	%
Compression set DIN ISO 815, B, 24 h, 175 °C, 25 %	< 30	23	%
Compression set DIN ISO 815, B, 24 h, 150 °C, 25 %	---	19	%
Compression set DIN ISO 815, B, 70 h, 150 °C, 25 %	---	20	%
Temperature range	-15°C to 200°C		

Certificates	Country	Part	Remark	Expires	unlimited
(EG) 1935/2004	EU		food		<input checked="" type="checkbox"/>
(EG) 2023/2006 (GMP)	EU		(EG) 2023/2006 (GMP)		<input checked="" type="checkbox"/>
ADI Free					<input checked="" type="checkbox"/>
FDA	USA	Seals	§ 177.2600		<input checked="" type="checkbox"/>

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 provisions do not plan for something else.

Freudenberg
Freudenberg Sealing Technologies
Global Material Technology
Wolfgang Becker

Phone: +49 (0)6201/80-2893
Fax: +49 (0)6201/88-2893
Email: wolfgang.becker@FST.com

