

Technical Data Sheet

MATERIAL PROPERTIES*: **TopChem 2006**

DESCRIPTION:

Top-Chem-2006 has good chemical resistance in strongly alkaline conditions and good mechanical properties at medium and low temperatures and loads. Top-Chem-2006 is optimised for alkaline conditions and also suitable for a wide range of applications in the chemical industry. Because it is free from pigments, this material is especially suited to food and pharmaceutical applications.



COLOUR:

Pink

SERVICE:

Ideal for strongly alkaline environments. Good mechanical properties at low to medium temperatures. Ideal for food and pharmaceutical applications.

TESTS & APPROVALS:

DIN DVGW NG - 5125AT0419, FDA Conformity, KTW Approval C315-A/00/st, BAM, Approval for use with oxygen 130 Bar/200°C

SPECIFICATIONS (1.5MM):

Compressibility ASTM F36A:		%	4
Recovery ASTM F36A:		%	40
Stress Relaxation DIN 52913:	30 Mpa 16h/150°C:	Mpa	18
Cold / hot compression	thickness decrease at 23°C :	%	10
50 MPa	thickness decrease at 250°C:	%	40
Gas leakage according to DIN 3535/6:		ml/min	<0.1 Min.
Gas leakage according to DIN 28090-2:		mg/s.m	<0.1
Thickness increase after fluid	NaOH, 33%: 72 h/110°C:	%	12
Immersion ASTM F 146	HNO ³ , 100%: 18 h/23°C:	%	2
Density:		g/cm ³	2.9

AVAILABILITY:

Sheeting: 1400mm x 1400mm*

Thickness: 1.5mm, 2mm, 3mm

* Can be welded to form gaskets larger than sheet size.

Notes: * This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us.

Asbestos Free



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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