

## 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 <sup>3</sup> , 100%: 18 h/23°C:	%	2
Density:		g/cm <sup>3</sup>	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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