

Technical Data Sheet

MATERIAL PROPERTIES*:

TopChem 2005

DESCRIPTION:

Top-Chem-2005 has excellent chemical resistance in strongly acidic applications and is suitable for a wide range of applications in the chemical industry. It has good mechanical properties at medium and low temperatures and loads. As regards media, the range of applications approaches that of Top-Chem-2000. The material is an economical alternative where requirements less stringent.



SERVICE:

Ideal for strongly acidic environments. Good mechanical properties at low to medium temperatures.

TESTS & APPROVALS:

DIN DVGW, FDA Conformity, KTW Approval C315-A/00/st

SPECIFICATIONS (1.5MM):

Compressibility ASTM F36A:		%	7
Recovery ASTM F36A:		%	35
Stress Relaxation DIN 52913:	30 Mpa 16h/150°C:	M pa	25
Cold / hot compression	thickness decrease at 23°C :	%	10
50 MPa	thickness decrease at 250°C:	%	30
Gas leakage according to DIN 3535/6:		ml/min	<0.2
Gas leakage according to DIN 28090-2:		mg/s.m	<0.02
Thickness increase after fluid	H ₂ SO ₄ , 100%: 18 h/23°C:	%	2
Immersion ASTM F 146	HNO ₃ , 100%: 18 h/23°C:	%	7
Density:		g/cm ³	2.0

AVAILABILTY:

Sheeting: 1500mm x 1500mm*

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.



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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