



**Kisling AG**

**Motorenstrasse 102  
CH-8620 Wetzikon**

Telefon +41 (0)58 272 01 01  
Telefax +41 (0)58 272 01 03

info@kisling.com  
www.kisling.com

## TECHNICAL DATA SHEET ergo.® 5300

### ELASTOMER

#### Description

Standard grade for all common elastomers (solid rubber and/ or foam rubber), especially for SBR, NBR and EPDM. The bonding shows really good resistance against thermal and climatic ageing. **Certified** acc. to **ANSI/NSF Standard 61** for use in commercial and residential potable water systems.

**Note:** This is a regional approval. Please contact us for more information and clarification.

#### Physical Properties (liquid product)

Chemical Base:	Cyanoacrylicacid-ethylester
Colour:	clear/ colourless
Viscosity:	20 - 40 mPas at 25°C
Density:	1.05 g/cm <sup>3</sup> DIN 51757
Flashpoint:	87°C DIN 55213
Shelf Life:	12 month at room temperature
<u>Fixture Time on :</u>	
Aluminium / Aluminium:	20 - 30 seconds
SBR / SBR - rubber:	2 - 4 seconds
Polycarbonate / Polycarbonate:	3 - 6 seconds
EPDM / EPDM - rubber:	1 - 3 seconds
Final strength:	24 hours

#### Physical Properties (cured film)

Tensile Force on round rubber profiles:	
SBR /SBR - rubber ø18mm:	> 2000 N
SBR / SBR 10 Tage/70°C:	> 1850 N
EPDM / EPDM - rubber ø16mm:	> 250 N
EPDM / EPDM 10 Tage/70°C:	> 240 N
Thermal Range:	- 30°C up to +80°C
Melting point:	+165°C

#### **WARRANTY INFORMATION - PLEASE READ CAREFULLY**

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KISLING products are safe, effective, and fully satisfactory for the intended end use. KISLING sole warranty is that the product will meet the KISLING sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. KISLING specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KISLING provides you with a specific, duly signed endorsement of fitness for use, KISLING disclaims liability for any incidental or consequential damages. Suggestions of uses should not be taken as inducements to infringe any particular patent.