

# Quality Specification

## Silicone-elastomer

Type: **ST-AO-60-001**  
**ST-AO-60-coloured**

Issue: 01/2022

Hardness:	60 ± 5° Shore A	DIN 53 505
Specific gravity:	1,16 ± 0,03 g/cm <sup>3</sup>	ISO 1183-1 A
Colour:	translucent or coloured by agreement	
Tensile strength:	10 N/mm <sup>2</sup>	DIN 53 504-S1
Elongation at break:	600 %	DIN 53 504-S1
Tear strength:	40 N/mm	ASTM D 624 B

### Properties:

- platinum-cured (without peroxide)
- heat resistant in hot air up to 200° C
- flexible in cold conditions down to approx. -40° C
- ozone resistance and UV-resistance in atmospheric concentration
- suitable for steam sterilisation +134° C
- corresponds to BfR XV Silicone \*
- corresponds to FDA § 177.2600 \*
- corresponds to USP Class VI \* Certificate date: 15.03.2010
- corresponds to europ. Pharmacopoeia \*

Note: \* coloured upon request

All given data derived from statistical evaluations.  
Statistical values are liable to deviation, which must be defined in case of special requirements.

**Attention – This document is not subject to updates.**

