

Silicone Extrusions / Technical Data Sheet

Properties	Test Method	Value					Unit
Grade	-	GP40	GP50	GP60	GP70	GP80	-
Specific Gravity	DIN 53 479A	1.12	1.15	1.14	1.16	1.19	g/cm ³ ± 0.02
Hardness	DIN 53 505	40	50	60	70	80	Shore A ± 5
Tensile Strength	DIN 53 504-S1	9.3	10.4	10.4	10.7	9.6	N/mm ²
Elongation	DIN 53 504-S1	570	500	470	440	350	%
Tear Resistance	ASTM D 624 B	16	21	21	22	21	N/mm
Impact Resistance	DIN 53 512	57	54	58	56	54	%
Compression Set	DIN 53 517 (22hrs @ 175°C)	35	35	35	35	40	%

Additional Information

- Temperature range: -65°C to +200°C.
- USP CLASS VI Approved.
- FDA 177.2600 and BfR XV silicones regulations.
- WRAS - BS6920.
- Flammability information: If tested would fulfil the requirements as laid down by UL standard 94HB.

All recommendations and information contained on this data sheet are, to the best of our knowledge, correct. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied in respect of information or recommendations, or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.