

Silicone Extrusions - High Temperature / Technical Data Sheet

Properties	Test Method	Value				Unit
Grade	-	HT40	HT50	HT60	HT70	-
Hardness	DIN 53 505	40	50	60	70	Shore A ± 5
Density	ISO 1183-1 A	1.12	1.15	1.14	1.16	g/cm ³
Tensile Strength	DIN 53 504-S1	9.3	10.4	10.4	10.7	N/mm ²
Elongation @ Break	DIN 53 504-S1	570	500	470	440	% (approx)
Tear Strength	ASTM D 624 B	21.3	21	21.3	22	N/mm
Compression Set	DIN ISO 815-B (22hrs @ 175°C)	35	35	35	35	%

Additional Information

- Temperature range: -60°C to +300°C.
- The base material is white and can be pigmented pale colours.
- All the ingredients are FDA approved and can therefore be used for food contact articles. FDA § 177.2600.

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