

## Silicone Extrusions - Platinum Cured / Technical Data Sheet

Properties	Test Method	Value					Unit
Grades	-	PC40	PC50	PC60	PC70	PC80	-
Specific Gravity	DIN 53 479A	1.12	1.15	1.14	1.17	1.19	g/cm <sup>3</sup> ± 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 <sup>2</sup>
Elongation	DIN 53 504-S1	570	535	520	500	375	%
Tear Resistance	ASTM D 624 B	19	24	24	25	23	N/mm
Impact Resistance	DIN 53 512	57	54	58	56	54	%
Compression Set	DIN 53517 (22hrs @ 175°C)	35	35	35	35	40	%

### Additional Information

- Temperature range: -60°C to +200°C.
- USP Class VI Approved.
- FDA § 177.2600.
- BfR XV silicones regulations.
- EC1935/2004.
- Flammability information: If tested, PCXX would fulfil the requirements as laid down by UL standard 94HB.

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