

NT 200

MAIN CHARACTERISTICS:

- » Peroxide curing
- » Mechanical features are almost the same over the entire temperature range (-50°C to 200°C)
- » Resistant to UV (radiation) and ozone (non-aging)
- » Resistant to many chemicals
- » Great compression set
- » Very good fire resistance
- » No toxic combustion gases
- » Free of plasticiser
- » Can be coloured (RAL)
- » For many colours our silicone product conforms with recommendation XV BfR and CFR 21 FDA §177.2600 or USP Class VI. For further inquiries please get in touch.

WHERE TO USE:

Automotive industry
 Rail industry
 Energy industry
 Aircraft & space technology industries
 Medical and pharmaceutical technologies
 Sanitary technologies
 Household appliances
 Heat protection devices

APPLICATION TEMPERATURE:

From -50°C to 200°C

QUALITIES:

FEATURE	STANDARD	NT 10	NT 20	NT 30	NT 40	NT 50	NT 60	NT 70	NT 80	NT 90
Hardness (Shore A)	DIN 53505 DIN EN ISO 868	10 +10/-0	20 +8/-3	30 +8/-3	40±5	50±5	60±5	70±5	80±5	90 +0/-10
Density (g/cm ³)	DIN 53479 ISO/R 1183	1.07	1.11	1.11	1.12	1.15	1.17	1.18	1.19	1.20
Tensile strength (MPa)	DIN 53504 ISO/DIS 37	6.3	8.6	9.0	9.5	10.5	10.4	10.7	10.1	8.3
Elongation at break (%)	DIN 53504 ISO/DIS 37	1200	920	700	550	480	390	400	400	300
Tear strength (N/mm)	ASTM D624B	17.5	18	16.5	16	20	20	22	25	19
Compression set (%)	DIN ISO 815 (22h/175°C)	40	35	45	45	50	50	40	50	55
Dielectric strength	VDE 0303	20	20	20	20	20	20	20	20	20
Operation temperature (°C)		-50 / +200	-50 / +200	-50 / +200	-50 / +200	-50 / +200	-50 / +200	-50 / +200	-40 / +180	-40 / +180
Colour		translucent or coloured (RAL)			transparent or coloured (RAL)					



PN-EN ISO 9001:2015



PN-EN ISO 14001:2015