
LTC Silicone Product Information

PROPERTY	UNIT	VALUE	ASTM
Plasticity	mm/100	320	D526
Specific gravity	g/cm ³	1.15	D792
Hardness	Shore A	60	D2240
Tensile strength	MPa	10	D 412 DIE C
Elongation at break	%	350	D 412 DIE C
Tear strength	KN/m	25	D624 DIE B
Compression set after 22 hours at 177 °C	%	20	D395 method B
Ignition temperature approx		850 °C	
Continuous operating temperature		-50 °C - +280 °C	

TOLERANCES

ISO 3302-1 Rubber. Tolerances for products. Part 1:Dimensional tolerances. Class E1 for silicon.

APPEARANCE

Only certain colours have been tested in terms of fire reaction. As the amount of colour pigments needed in various colours is not constant, should each colour be tested separately.

LTC silicone by FinnProfiles is certified according to:

NF F 16-101

NF F 16-102

Classification: F1,I2

DIN 5510 Part 2: 2003-09

Combustibility class S4

Smoke development class SR2

Dripping class ST2

BS6853:1999 (code of practice in the design and construction of the passenger carrying trains) tables 7&8: Vehicle cat 1 a

UL 94 Vertical burning test (94V-0)
