

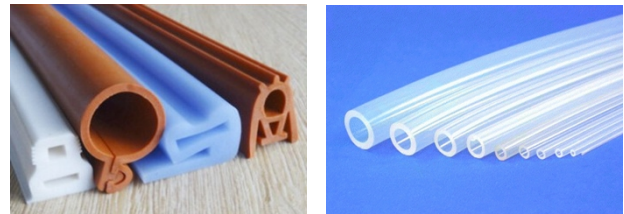
Silicone Rubber (Base)

DESCRIPTION:

GFD20x1P series is the high temperature vulcanizing silicone rubber base, transparent. It is recommended to use under a normal temperature condition(below 200°C).

FEATURES:

Excellent processing property
High strength, good elongation
ROHS, REACH Certification
FDA & LFGB grade certification



APPLICATIONS:

It has a wide and general use for extrusion and molding purpose, like extruded profile, tubes and cable, also hose, gasket, seals etc.

PRODUCTS DATA

Item	Standard (GB/T)	2031P	2041P	2051P	2061P	2071P	2081P
Appearance		transparent					
Density(g/cm ³)		1.08	1.10	1.13	1.16	1.18	1.20
Hardness (Shore A)	ISO7519	31	40	50	60	70	80
Tensile strength (MPa)	ISO37/Die 1	≥7.0	≥8.0	≥8.0	≥8.0	≥7.5	≥6.5
Elongation (%)	ISO37/Die 1	≥750	≥650	≥600	≥500	≥380	≥200
Tensile set (%)	ISO37/Die 1	≤8.0	≤8.0	≤8.0	≤8.0	≤8.0	≤14.0
Tear strength (KN/m)	ISO34-1/Die C	≥14	≥20	≥26	≥30	≥30	≥24

Above data of cure Condition: C15 (2.0%), 170°C×10mins

C15: it is a 25% paste of 2,5-Bis(tert-butylperoxy)-2,5-dimethylhexane in silicone rubber.

Using instruction:

- When using DCLBP catalyst under 120°C×10mins, the hardness tested if without post curing, will have a lower by 4-8sh for 60-80sh grade than above value tested.
But if after taking a post curing under 200°C×4h, it can get a similar hardness as above tested figure.
- Storage: store in a cool and dry place out of direct sunlight.
- Package: 20kg/carton or 600kg/box.
- The shelf life: it is recommended to use in 6 months after the production date.