

TDS of High rebound grade

This product has good processability and comprehensive physical properties of ordinary silicone rubber, as well as excellent resilience, applicable to manufacturing of various O-rings, sealing elements and other silicone rubber products requiring excellent elastic resilience. This product is available as a milk-white translucent finished product, or compound with curing agent pigment, or sliced product.

Typical Properties:

Category	Item	Appearance	Hardness Shore A	Tensile strength MPa≥	Elongatio n at break %≥	Breaking set %≤	Tear strength B KN/m≥	Specific density 25°C g/cm³	Compression set 180*22h %≤	Resilience %≥
For molding	MY DGT141	Ivory translucent	40±2	6.5	380	6	16	1.13±0.05	28	65
	MY DGT151		50±2	7.5	300	7	20	1.15±0.05	25	60
	MY DGT161		60±2	7.5	280	7	20	1.18±0.05	25	55
	MY DGT171		70±2	7.0	200	6	18	1.22±0.05	20	50

Physical data in the above table is for reference only.

Vulcanization condition: 175°C × 5Min.

Ratio of curing agent 2,5-Dimethyl-2,5-di(tert-butylperoxy)hexane: 0.65%.

Advantage:

- Good processability
- Excellent comprehensive physical properties
- Excellent resilience



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Applications:

- Various O-rings, sealing elements and other silicone rubber products requiring excellent elastic resilience.

Packing & Storage:

- 20kg/ carton lined with plastic bags or sheets.

The products have a shelf life of 9 months from date of manufacture depending on the shore hardness if stored at room temperature in the originally sealed container.