

### TDS of Precipitated grade Self-lubricating Rubber

This product can be used to manufacture products with different hardness and different performance requirements. After vulcanization, within a certain period of time, the surface of product can precipitate silicone oil for self-lubricating. It has good physical properties and processability and is applicable to various silicone rubber connectors, sealing elements and washers requiring self-lubricating property with molding process and is widely used in the machinery industry, automotive industry and aerospace industry.

#### Typical Properties:

Category		Item				
Precipitated grade		MY D1330	MY D1340	MY D1350	MY D1360	MY D1370
Appearance		Ivory				
Vulcanization	Hardness Shore A	30±2	40±2	50±2	60±2	70±2
	Tensile strength MPa≥	6.0	6.5	7.0	7.0	7.0
	Elongation at break %≥	550	450	350	300	220
	Breaking set %≤	8	8	8	8	8
	Tear strength B KN/m≥	15	19	22	22	20
Specific density 25°C g/cm³		1.08±0.05	1.13±0.05	1.15±0.05	1.19±0.05	1.22±0.05

Physical data in the above table is for reference only.

Vulcanization condition: 175°C × 5Min. Post-curing condition: 200°C × 4h

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

#### Advantage:

- Good processability
- Excellent comprehensive physical properties and self-lubricating property



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**Applications:**

- In the fields such as machinery industry, automotive industry and aerospace industry.

**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.