

### TDS of High-strength grade

This product is manufactured with special process and formula, with outstanding processability and stable comprehensive physical properties, applicable to the molding process and the silicone rubber products with high requirements for tensile property and elongation rate.

#### Typical Properties:

Category	Item	Appearance	Hardness Shore A	Tensile strength MPa $\geq$	Elongatio n at break % $\geq$	Breaking set % $\leq$	Tear strength B KN/m $\geq$	Specific density 25°C g/cm <sup>3</sup>	Compression set 180*22h % $\leq$	Resilience % $\geq$
For molding	MY D8131	Ivory translucent	30 $\pm$ 2	6.0	600	6	15	1.08 $\pm$ 0.05	35	65
	MY D8135		35 $\pm$ 2	6.5	550	6	17	1.10 $\pm$ 0.05	35	60
	MY D8141		40 $\pm$ 2	7.5	550	7	20	1.13 $\pm$ 0.05	30	60
	MY D8151		50 $\pm$ 2	9.0	460	8	24	1.15 $\pm$ 0.05	30	55
	MY D8161		60 $\pm$ 2	8.5	420	10	24	1.18 $\pm$ 0.05	30	50
	MY D8171		70 $\pm$ 2	7.5	260	7	22	1.21 $\pm$ 0.05	30	45

Physical data in the above table is for reference only.

Vulcanization condition: 175°C  $\times$  5Min.

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

#### Advantage:

- Good processability
- Excellent comprehensive physical properties

#### Applications:

- Various translucent molded silicone rubber products requiring flexible physical properties.



安徽明怡硅业有限公司

**Ming Yi Silicone Co., Ltd.**

安徽省蚌埠市高新区兴中路 985 号日月  
科技园

Sunmoon industry park, 985 Xingzhong Road, Bengbu,  
China 233000

电话: 86-552-3827158

Tel: 86-552-3827158

传真: 86-552-3822922

Fax: 86-552-3822922

---

**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.