

TDS of Ultra-low-hardness rubber

This product has outstanding processability and can be manufactured into soft finished products with comfortable touching feeling, applicable to low-hardness and ultra-low-hardness silicone rubber products such as swimming caps, swimming goggles, cushions and pen caps.

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/cm ³	Compression set 180*22h %≤	Resilience %≥
For molding	MY D10	Ivory	12±2	1.5	760	8	5	1.00±0.05	-	-
	MY D20		20±2	3.5	750	6	10	1.02±0.04	-	-
	MY D7120		20±3	3.0	700	8	10	1.02±0.04	-	-
	MY D9110	Transparent	11±2	1.5	780	10	5	1.00±0.05	-	-
	MY D9120		20±2	4.0	800	8	12	1.05±0.04	-	-

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:

- Ultra-low-hardness
- Flexible processability
- Soft finished products with comfortable touching feeling

Applications:

- Applicable to swimming caps, swimming goggles, cushions and pen caps



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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.