

## Oil-resistant silicone rubber (TN79XX series)

### Application >>

- Some silicone seals that need contact with ASTM1# and IRM903 oil etc.

### Characteristic >>

- High strength, good resistance to ASTM1#, ZRM903 oils.
- ROHS, REACH certificated.



### Specification Data Sheet >>

	ITEM	Demand			
		TN-7940	TN-7950	TN-7960	TN-7970
	Appearance	Grey			
	Density(g/cm <sup>3</sup> )	1.2±0.03	1.25±0.03	1.26±0.03	1.27±0.03
	Hardness(Shore A)	40±2	50±2	60±2	70±2
	Tensile strength(MPa)≥	3.5	4	4.5	5
	Elongation(% )≥	650	550	350	250
	Tear strength(kN/m)≥	12	12	15	15
	Plasticity	150±20	160±20	215±20	265±20
	Change of hardness ≤	5	5	5	5
Hot air aging	Variation in tensile strength ≤	-25%	-25%	-25%	-25%
225°CX72H	Change of Elongation ≤	-35%	-35%	-35%	-35%
	Change of hardness ≤	18	18	18	18
IRM903 # oil resistance	Change of tensile strength ≤	-35%	-35%	-35%	-35%
150°CX72H	Change of elongation ≤	-20%	-20%	-20%	-20%

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