



## Physical properties

②

Item	Unit	Barrel Perfluoro					
		70W	55C	70P	MSP2	SPZ	SP $\alpha$
Hardness (JIS.A)	point	70	50	72	70	83	70
Tensile Strength	MPa	9.8	7.4	10.3	15.0	13.8	12.0
Elongation	%	149	260	180	250	140	165
100% Modulus	MPa	6.0	1.71	—	3.22	8.1	5.0
Compression Set		28★	45★	23★	32★	27★	27★
Upper limit operating temp.	°C	200	200	230	230	230	230
O <sub>2</sub>		○	◎	◎	◎	◎	◎
CF·SF		○	○	◎	◎	◎	◎
NF <sub>3</sub>		○	○	◎	◎	◎	◎
Ultra-low Particle generation		▲	◎	◎	◎	◎	◎

★200°C × 70hr (P-26 O-ring 25% press)

◎ : No problem at all ○ : No problem ▲ : Need attention × : Cannot be used

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