



Physical properties

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Item	unit	Barrel Perfluoro				
		75B	MPB	ZT	MP300B	PHT
Hardness (JIS.A)	point	75	78	75	77	72
Tensile Strength	MPa	15.6	15.1	18.8	12.9	13.8
Elongation	%	126	187	138	160	220
100% Modulus	MPa	12.45	9.51	9.65	9.35	3.5
Compression Set		9★	21★	13★	21★★	33★★
Upper limit operating temp.	°C	200	230	230	300	300
Boiling water/Steam		○	×	○	×	◎
ClF ₃		◎	○	◎	○	◎
Amine (+DMSO)		◎	×	◎	×	◎
Amine (+NMP)		▲	×	▲	×	◎

★200°C × 70hr (P-26 O-ring 25% press) ★★300°C × 70hr (P-26 O-ring 25%press)

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

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