



Physical properties ③

Item	Unit	EXCEL 10	DIRAS	AQUA PLUS	FKM-70
Hardness (JIS.A)	point	69	78	75	70
Tensile Strength	MPa	21.8	15.9	21.6	13.6
Elongation	%	325	233	230	270
100% Modulus	MPa	3.19	5.5	7.1	4.5
Compression Set (P-26 O-ring 25% press)	200°CX70h	29	29	14	16
Upper limit operating temp.	°C	230	275	200	200
O ₂		◎	○	▲	×
CF·SF		▲	○	◎	▲
NF ₃		▲	○	◎	×
Ultra-low Particle generation		◎	◎	◎	×

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

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