

SUMMARY TABLE

Properties	NR	IR	SBR	BR	IIR	EPDM	NBR	ECO	CR	CSM	AU	T	Q	FKM	ACM	PUR	PTFE
Ult. Tensile strength, not reinforced	1	2	5	6	4	5	5	5	3	5	2	6	6	5	6	1	1
Ult. Tensile strength, reinforced	1	2	2	4	3	3	2	3	2	3	1	5	4	3	3	-	1
Elongation at break	1	1	2	3	2	3	2	3	2	3	2	4	4	3	3	2	3
Rebound resilience	2	2	3	1	6	3	3	2	3	4	3	4	3	5	5	2	-
Abrasion resistance	2	2	2	1	3	3	2	3	2	3	1	5	5	4	4	1	3
Initial tear resistance	2	2	3	5	3	3	3	3	2	4	3	4	6	3	4	1	2
Elec. Volume resistivity	1	1	2	2	2	2	4	5	3	4	3	3	1	4	4	2	1
Temperature range hot air °C	+90	+90	+100	+100	+140	+150	+130	+145	+120	+130	+120	+140	+200	+220	+160	+80	+260
Temperature range cold air °C	-50	-40	-40	-60	-40	-40	-40	-40	-30	-40	-20	-30	-80	-25	-20	-35	-190
Ageing resistance	3	3	3	3	2	1	3	2	2	2	2	3	1	1	2	1	1
Resistance to ozone	4	4	4	3	2	1	3	2	2	2	2	2	1	1	2	1	1
Resistance to petrol	6	6	4	5	6	5	1	1	2	2	1	1	5	1	1	2	1
Resistance to oil and grease	6	6	5	6	6	4	1	1	2	2	1	1	1	1	1	2	1
Resistance to acids	3	3	3	3	2	2	3	5	2	2	5	3	5	1	5	6	1
Resistance to alkalis	3	3	3	3	2	2	3	5	2	2	5	3	5	1	5	6	1
Hot Water	3	3	2	3	1	2	3	4	3	3	5	3	5	2	5	6	1

1 = Excellent 2 = Very Good 3 = Good 4 = Moderate 5 = Slight 6 = Poor