



ELASTOMER SELECTION AID

1 = Excellent 2 = Very Good 3 = Good 4 = Moderate 5 = Low 6 = Unfavourable			Resistance to (medium)								Mechanical Properties (at room temperature)					Compression Set		
	Abbreviation Code	Hardness Range (Shore A)	Fuel	Mineral Oil	Water	Bases	Acids	Light	Weathering and Ozone	Temperature Resistance	Tensile Strength	Tear Strength	Elasticity Resilience	Elasticity Rebound	Abrasion Resistance	At High Temperatures	At Low Temperatures	Gas Impermeability
Natural Rubber/ Polyisoprene	NR/IR	30-90	6	6	3	2	4	4	4	-60/+80	1	1	2	1	2	5	2	5
Styrene Butadiene Rubber	SBR	30-90	5	5	3	2	4	4	4	-50/+100	2	2	3	3	2	4	3	4
Chloroprene Rubber	CR	30-90	2	2	3	2	2	3	2	-40/+100	2	2	2	3	2	4	4	3
Nitrile Butadiene Rubber	NBR	30-90	1	1	3	6	4	2	5	-30/+100	2	2	3	4	2	3	4	2
Butyl Rubber	IIR	30-80	5	6	2	1	1	3	2	-40/+120	3	2	3	6	4	2	4	1
Hydrogenated Nitrile Butadiene Rubber	HNBR	40-90	1	1	3	6	4	2	1	-30/+160	1	2	3	4	1	1	4	2
Ethylene Propylene Diene Monomer Ru.	EPDM	20-90	6	6	1	1	1	2	1	-50/+130	3	3	3	3	3	3	3	4
Chlorsulfonated Polyethylene	CSM	40-90	2	2	3	2	2	1	1	-20/+120	3	3	3	5	3	5	5	3
Polyacrylate Ethyl Acrylate Rubber	ACM/AEM	50-90	2	1	5	5	3	4	2	-25/+150	3	3	4	5	4	3	4	3
Epichlorhydrin Rubber	CO/ECO	40-90	2	1	4	2	5	4	1	-40/+140	3	3	4	4	3	3	4	2