

SUMMARY TABLE: Properties of polymers mainly processed by Marconigomma

	ACRONYM	TEMPERATURE RANGE OF APPLICATION		MECHANICAL CHARACTERISTICS	OZONE RESISTANCE	OILS RESISTANCE	FUELS RESISTANCE	FLAME RESISTANCE	TOPICS
NATURAL RUBBER	NR	-60	+90	A	C	C	C	C	EXCELLENT MECHANICAL PROPERTIES
BUTADIENE RUBBER	BR	-60	+100	B	C	C	C	C	ABRASION AND COLD RESISTANCE
STYRENE-BUTADIENE RUBBER	SBR	-40	+100	B	C	C	C	C	ADHESION AND GOOD EXTRUSION BEHAVIOR
NITRILE RUBBER	NBR	-35	+120	B	C	A	A	B	ACN CONTENT, OILS, FUELS, SOLVENT RESISTANCE
NITRILE-PVC RUBBER	NBR-PVC	-25	+120	B	B	A	A	B	PVC IMPROVES FUEL/OIL AND OZONE RESISTANCE AND EXTRUSION BEHAVIOR
HYDROGENATED NITRILE	HNBR	-50	+150	A	A	A	A	B	EXCELLENT MECHANICAL PROPERTIES, HEAT AND PERMANENT DEFORMATION RESISTANCE
CARBOXYLATED NITRILE	XNBR	-45	+150	A	B	A	A	B	EXCELLENT MECHANICAL PROPERTIES, HEAT AND ABRASION RESISTANCE
BUTYL and (ALO) BUTYL	(C/B)IIR	-45	+130	C	A	C	C	C	LOW GAS PERMEABILITY, HIGH HISTERESIS (DUMPER)
CHLOROPRENE	CR	-40	+110	A	B	B	C	A	FLAME RESISTANCE; GOOD ADHESION AND MECHANICAL PROPERTIES
CHLOROSULFONATED POLYETHYLENE	CSM	-35	+120	B	A	B	B	A	ACID, WATER, U.V. AND FLAME RESISTANCE
ETHYLENE-PROPYLENE (TER)	EPDM	-55	+100 (+140*)	B	A	C	C	C	OZON, U.V., COLD, HEAT AND WATER RESISTANCE, GOOD PERMANENT DEFORMATION RESISTANCE * PEROXIDE CURED
ETILEN-PROPYLENE (CO)	EPM	-55	+150	B	A	C	C	C	PEROXIDE CURED HEAT RESISTANCE
EPICHLOROHYDRIN	ECO	-45	+150	B	A	A	A	B	EXCELLENT OIL, FUEL AND HEAT RESISTANCE
ETHYLEN-ACRYLIC RUBBER	AEM	-40	+190	B	A	A	C	C	SUPERLATIVE HEAT RESISTANCE
POLIACRYLIC RUBBER	ACM	-40	+170	B	A	A	B	C	EXCELLENT OIL AND HEAT RESISTANCE

A = GOOD; B = MEDIUM; C = POOR

This table is just for reference, the properties may be greatly influenced by the application and the formulation of the compound.