

General Technical Data for Rubber Material

◎ Excellent ● Good ■ Suitable △ Limited ▼ Poor

	ACM	BR	CR	ECO	EPDM	FKM	IIR	NBR	HNBR	NR	SBR	SIR
Tensile strength	■	△	●	△	△	●	●	●	●	◎	◎	▼
Elongation	■	△	●	▼	●	▼	●	●	●	◎	●	◎
Rebound resistance	△	◎	◎	△	●	△	▼	●	●	◎	△	■
Tear resistance	▼	△	●	△	■	△	△	●	●	◎	△	▼
Arbasion resistance	△	◎	●	△	●	●	◎	●	◎	◎	●	▼
Impact strength resistance	▼	●	◎	●	●	△	●	●	●	◎	◎	▼
Compression set	■	●	●	■	●	▼	●	●	●	◎	◎	◎
Gas impermeability resistance	●	△	●	◎	△	●	◎	●	●	△	△	△
Electrical insulation	●	■	▼	△	◎	■	◎	▼	▼	●	●	◎
Oxygen resistance	●	△	●	●	●	◎	◎	△	△	△	△	◎
Ozone resistance	◎	▼	●	◎	◎	◎	●	▼	●	▼	▼	◎
Weathering resistance	◎	△	●	●	◎	◎	◎	△	■	△	△	◎
Flame resistance	△	▼	◎	●	△	◎	▼	■	▼	▼	▼	■
Hear resistance	●	△	●	●	◎	◎	●	■	●	▼	△	◎
Low temperature resistance	●	●	△	●	●	△	△	△	△	●	△	◎
Oil and fule resistance	●	▼	■	●	▼	◎	▼	●	●	▼	▼	△



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Animal and vegetable oil resistance	◎	△	●	◎	●	◎	●	◎	◎	△	△	■
Alcohol resistance	●	●	◎	●	■	●	●	●	●	●	●	●
Alkaline resistance	△	■	●	■	◎	◎	●	●	●	●	●	●
Acid resistance	△	■	●	△	◎	◎	●	●	●	●	●	●
Aliphatic	●	▼	●	●	▼	◎	▼	◎	◎	▼	▼	▼
Aromatic	△	▼	△	●	▼	◎	▼	■	■	▼	▼	▼
Oxygenated solvent resistance	▼	●	▼	▼	◎	▼	◎	▼	▼	●	●	△
Water resistance	▼	◎	●	●	◎	●	●	●	●	◎	◎	●