



Choosing the right elastomers for an application is extremely important when it comes to quality production. The Elastomeric division of **KESARIA** is regularly upgraded & functions ceaselessly to meet the requirement & specification of different industrial sectors. Although Rubber is most important raw materials for manufacturing of sealing products, the Properties, Potential & Limitation of different varieties, as well as those of similar materials, are little known to most users. We aim to provide an overview of the most important & popular elastomers to help users in their selection & usage of material for specific application.

Materials	Hardness Range (Shore A)	High Temp °C	Low Temp °C	Steam	Sun Light	Weathering / Ozone	Compression set	Abrasion Resistance	Flame Resistance	Gas Permeation	Chemical / Solvents	Petroleum Oils	Fuels / Gasoline	Brake fluid	Transmission Fluid	Steering Fluids	Refrigerants / Freon's	Dynamic Applications	FDA Complaints
NR	40~90	100	-50	F	P	P	F	G	P	F	P	P	P	P	F	P	F	F	A
SBR	35~90	120	-55	F	F	P	F	F	P	F	F	F	P	P	P	P	G	F	A
NBR	40~90	130	-45	F	F	F	F	F	P	G	G	G	G	P	G	P	F	G	A
CR	40~80	130	-40	P	G	G	F	E	E	G	F	G	P	P	F	F	G	E	A
EPDM	40~90	150	-50	G	E	E	F	F	F	F	P	P	P	G	F	P	P	G	A
HNBR	40~90	150	-45	G	G	G	G	G	P	G	F	E	G	F	E	P	G	E	A
ACM	40~80	180	-25	P	E	E	G	G	P	G	G	F	P	P	E	E	P	G	NA
CSM	40~80	150	-40	E	E	E	P	E	E	F	G	F	P	P	P	P	G	G	NA
VQM	30~80	230	-60	E	E	E	G	P	G	P	F	P	P	P	P	P	P	P	A
FKM	50~90	225	-15	E	E	E	E	G	E	E	E	E	G	G	G	G	G	E	NA

E=Excellent; G= Good; F= Fair; P=Poor; A= Available; NA= Not Available

This guide is intended for general reference only. The material listed is most commonly used. There are various compound variations designed for specific applications for which please forward details to our engineers for a recommendation.