

**Styrene Butadiene (SBR)** is a low-cost, high-volume rubber that is available in various ratios of these two monomers. SBR copolymers with high styrene and low butadiene content can be compounded into high tensile strength & high hardness materials without the use of large amount of fillers. Because of the good abrasion resistance and leather-like properties of these compounds, they are used for shoe soles and floor tiles. On the other hand, high butadiene & low styrene copolymers offer good flexibility at low temperatures. Special compounding is required for good weather ability. On the whole SBR has poor fatigue resistance.

### General Information

Service Temperature -55°C to 120°C

Hardness Range 35 ~ 90 Shore A

Colour Black

### Typical Uses

Vehicle Tyres, Brake Systems &  
Floor Tiles

### Performance Parameters:

	Excellent	Good	Fair	Poor
STEAM			●	
SUNLIGHT			●	
WEATHERING / OZONE				●
COMPRESSION SET			●	
ABRASION RESISTENCE			●	
FLAME RESISTENCE				●
GAS PERMEATION			●	
CHEMICALS / SOLVENTS			●	
PETROLEUM OILS			●	
FUELS / GASOLINE				●
BRAKE FLUIDS				●
TRANSMISSION FLUIDS				●
STEERING FLUIDS				●
REFREGERANTS		●		