

# SBR STYRENE BUTADIENE RUBBER

## SUBMITTAL INFORMATION

### USE

Styrene Butadiene Rubber (SBR) is the most common synthetic rubber. It is the standard used in water and waste-water service. SBR used by Romac is especially formulated for this service in accordance with ASTM D 2000.

### CHARACTERISTICS

Temperature Range:	-40°F to +180°F Cont.
Weathering:	Fair-Good
Abrasion:	Good
Compression Set:	Good
Tearing:	Good

### SPECIFICATIONS

#### ORIGINAL PHYSICAL PROPERTIES

ASTM D 412-92	
ASTM D 2240-91	
Tensile Strength, Min. Ultimate psi	2000
Elongation, Min. Ultimate %	225
Hardness, Duro Shore A points	70 ±5

#### HEAT AGED PROPERTIES

ASTM D 573	
70 hours at 126°F (70°C)	
% change in Tensile Strength	-25% max
% change in Elongation	-35% max
Change in Hardness	+10 points

#### COMPRESSION SET

ASTM D 395, Method B	
22 hours at 158 °F (70°C)	20% max

Other gasket compounds are available from Romac for use where SBR is not suitable.

12/12/18

Document # 45-8-0004

*This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.*