



**AJ8511  
TECHNICAL DATA SHEET**

<u>PHYSICAL PROPERTIES</u>	<u>TEST METHOD</u>	<u>TYPICAL RESULTS</u>
DENSITY lb/ft <sup>3</sup>	ASTM D 3574	9 +/- 2
HARDNESS DURO SHORE 00	ASTM D 2240	
COMPRESSION DEFLECTION (25%) psi	ASTM D 1056	5 – 9
COMPRESSION SET (%)	ASTM D 1056	≤ 25 %
TENSILE STRENGTH psi	ASTM D 412 (DIE A)	100
TEAR STRENGTH lb/in	ASTM D 624 (DIE C)	
ELONGATION (%)	ASTM D 412 (DIE A)	175%
RESILIENCE (%)	ASTM D 2632	
SERVICE TEMP. (°F) Low High	ASTM D 746	- 40 150
WATER ABSORPTION Max. Weight change (%)	ASTM D 1056	< 5 %
ACCELERATED AGING [7 Days at 70°C (73.4°F)] Flexibility (180° bend no cracking) Appearance change Change in Compression Deflection (%)	ASTM D 1056	PASS NONE +/- 30%
COMBUSTION CHARACTERISTICS	FMVSS-302 SAE J369 GM 6090-M (B4-A)	PASS PASS PASS Thickness greater than 3/16" only

**RESISTANCE TO :**

**SBR – STYRENE BUTADIENE RUBBER**

Acid	Good		
Alkali	Good		
Gasoline & Oil	Good		
Aromatic Hydrocarbons	Fair	ASTM D 1056	designation : 2A2
Keytones	Poor	MIL R 6130 C JUL80	Type-Grade : II-B
Chlorinated Solvents	Poor		Condition : SOFT/MEDIUM
Oxidation	Good		
Ozone	Fair		

The above data represents typical values encountered during normal production runs. This data is not offered as an exact or guaranteed product specification – the user must determine the suitability of the product for his own needs. A.J. Rubber & Sponge Ltd. cannot be held responsible for the inappropriate use or misuse of its products.