



**AJ702-2**  
**TECHNICAL DATA SHEET**

<u>PHYSICAL PROPERTIES</u>	<u>TEST METHOD</u>	<u>TYPICAL RESULTS</u>
DENSITY lbs/ft <sup>3</sup>	ASTM D 3574	2.0 +/- 10%

		<u>MINIMUM</u>	<u>AVERAGE</u>
TENSILE STRENGTH psi	ASTM D 3574	16	20
ELONGATION (%)	ASTM D 3574	16%	20%
TEAR RESISTANCE ppi	ASTM D 3574	1.1	1.5
COMPRESSION FORCE DEFLECTION psi			
25% DEFLECTION	ASTM D 3374	0.55	0.74
50% DEFLECTION	ASTM D 3374	0.65	0.84
70% DEFLECTION	ASTM D 3374	1.20	1.60

COMPRESSION SET 50% DEFLECTION	ASTM D 3374	MAX 10%
PORE SIZE (PPD)	VISUAL	50 +/-5
RETENTION OF TENSILE STRENGTH AFTER 6 HOURS STEAM AUTOCLAVE @ 150 °C	ASTM D 3574	MIN. 70%
RETENTION OF TENSILE STRENGTH AFTER 22 HOURS DRY HEAT AGING @ 140 °C	ASTM D 3574	MIN. 70%
FLAMABILITY CHARACTERISTICS UL 94		94 HF-1 @ 0.056" MINIMUM THICKNESS

**AJ702-2 IS A 2# DENSITY POLYESTER URETHANE FOAM.**

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.