



Spec. No.: AWC830
 Rev: F
 Effective Date: 05/31/06
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TITLE: AWC830 (FDA Polymer)

Typical Material Characteristics

Material: AWC830 -- FDA Polymer

PROPERTY	TEST METHOD	BRITISH	METRIC
Tensile Strength	ASTM D412	7800 psi	53.86 Mpa
100% Modulus	ASTM D412	1500 psi	10.36 Mpa
Elongation at Break, %	ASTM D412	430%	430%
Specific Gravity	ASTM D297	1.2	1.2
Tear Strength (Die C)	ASTM D624	760 pli	133 kN/m
Compression Set (Method B), % After 22 hrs. at 70°C [158°F]	ASTM D395 (Type 1 Pellet, 25% Deflection)	52	52
Tear Strength (split)	ASTM D470	140 pli	24.5 kN/m
Durometer, durometer A		94A	94A

Note: The material properties were obtained under controlled laboratory conditions. The data and information are intended as only a guide to be used at your discretion and risk. A.W. Chesterton specifically disclaims any and all direct and indirect damages or losses resulting from the use of any information, data, or products described.