



Spec. No.: AWC860
 Rev: D
 Effective Date: 12/16/2014
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TITLE: AWC860 (Cherry Polymer)

Material Specification

Typical Material Characteristics

Material: AWC860 -- High Temperature Polyurethane

PROPERTY	TEST METHOD	BRITISH	METRIC
Tensile Strength	ASTM D-412	6,180 psi	42.6 MPa
100% Modulus	ASTM D-412	1,590 psi	10.9 MPa
300% Modulus	ASTM D-412	2,140 psi	14.8 MPa
Elongation at Break	ASTM D-412	540%	540%
Specific Gravity	ASTM D-297	1.10	1.10
Tear Strength (Die C)	ASTM D-624	640 lb/in	112 kN/m
Resilience (Rebound)	ASTM D-2632	149%	149%
Tabor Abrasion, 5000 cycle, 1000g Load, mg/loss cycle	-	16	16
Durometer, durometer A	ASTM D-2240	95	95
Upper Temperature Limit	-	248°F	120°C
Lower Temperature Limit	-	-58°F	-50°C

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.