



Spec. No.: AWC704
 Rev: A
 Effective Date: 08/05/2010
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TITLE: AWC704 Black Fluorocarbon (Machinable)

Typical Material Characteristics

PROPERTY	TEST METHOD	BRITISH	METRIC
Hardness	ISO 868	85 +/- 5 Shore A	85 +/- 5 Shore A
Tensile Strength	DIN 53504	≥ 1305 PSI	≥ 9 MPa
Elongation at Break	DIN 53504	≥ 160 %	≥ 160 %
Modulus 100%	DIN 53504	≥ 1015 PSI	≥ 7 MPa
Specific Gravity	ISO 1183	1.87 g/cm ³	1870 kg/m ³
Compression Set (70 deg.C/24 hours @ 25% Deflection)	ISO 815	< 13%	< 13%
Max. Service Temperature		410° F	210° C
Min. Service Temperature		- 4° F	- 20° C
Max. Service Temperature Hot Air		536° F	280° 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.