Hanna Rubber Company

ABL5

Product Class: Composition Cork

Property	Test Method	Typical Result
Density	ASTM D3676	31.5 lbs./ft^3 (0.50 g/cm^3)
Tensile Strength	ASTM F152	550 lbs./in^2 -250 min (3790 kPa)
Elongation	ASTM F152	13 percent min
Compression @ 100 psi	ASTM F36	11%
Recovery		83%
Flexibility	ASTM F147	8 max.
Shore A Hardness	ASTM D2240	78
Flotation in Boiling HCL		No Disintegration
Specific Heat	ASTM C351	0.40 min - 0.60 max Btu/lb./° F,
Thermal Conductivity Btu/hr, sq. ft. (° F/in.) At 100°c Mean Temperature	ASTM C177	0.40 min - 0.60 max
Heat of Ablation		
Convection		1400 Btu/lb min
Radiant		3000 Btu/lb min

This material has a shelf life of 2 years from date of manufacture when protected from environmental extremes

****The values shown represent current production and may vary under different conditions.***

This product meets the following specifications:

Orbital 9600-6010-
NASC AS-5086
F 213500 K8 M3 R S9 T(6) Z
Lockheed Martin STM-G132-B
NWS 16603

Boeing BMS 8-70K
STW4-2700E
ATK STW4-2700 H1
NAVORD WS 15288A