



## Thermal Break Material

Properties	Procedure	Value
Color		Black
Max. Service Temperature		550°F (288°C)
Continuous Use Temperature		412°F (211°C)
Flexural Strength	ASTM D790	31,000 psi
Tensile	ASTM D638	>11,000 psi
Compressive Strength@75° F	ASTM D695	49,000 psi
Compressive Modulus	ASTM D695	1,800,000 psi
IZO Impact Strength	ASTM D256	8 Ft. lb./in.
Flexural / Bending Strength	ASTM D790	29,000 psi
Water Absorption	ASTM D570	0.2% by weight
Specific Gravity	ASTM D792	123 lbs/ft (cubed)
Thickness Tolerance		±0.002 inches
Coefficient of Thermal Expansion		
-across thickness	ASTM D696	11.62 In/In/°Cx10-5
-across surface	ASTM D696	2.21 In/In/°Cx10-5
Thermal Conductivity	ASTM C177	Ca. 0.30 W/mx°K
Flame Retardant Properties	UL 94	V0

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.

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