

RADIATION SHIELDING AND SOUND DEADENING PRODUCTS

Brandonite® Designation	4210-d26	4210-d30	4210-d32	4210-d35	4210-d44	4210-d47	4910-90D	4910-90D HD
	(Patent Pending)	(Patent Pending)	(Patent Pending)	(Patent Pending)	(Patent Pending)	(Patent Pending)		
Hardness, D scale	95D	89D	92D	94D	94D	95D	87D	90D
Density, g/cc	2.6	3	3.2	3.5	4.4	4.7	2.9	4.2
Izod impact strength, ft-lb/in	0.4	0.44	0.48	0.54	0.63	0.66	0.52	0.46
Tensile strength, psi	4,190	4,780	7,380	6,300	5,848	11,300	5,370	4,500
Elongation, %	0.5	1.0	1.0	0.5	0.7	1.0	1.0	1.0
Flexural strength, psi	9190	11,700	13,630	13,400	13,450	14,900	8770	8510
Flexural modulus, psi (k)	1,340	1,190	1,092	929	875	855	541	784
Volume resistivity Ohm-cm, x10 ¹⁵	7.1	7.05	6.8	6.45	5.1	0.457	1	1
Dielectric constant	5.86	7.94	9	11.5	22	29.5	4.91	6.4
Dissipation factor	0.009	0.01	0.011	0.014	0.026	0.033	0.01	0.007
Dielectric strength, V/mil	384	130	72	42	10	2	299	215
Thermal conductivity BTU in/hr ft ² F	3.114	3.712	3.712	4.56	6.34	6.952	2.726	3.859
W/m k	0.449	0.535	0.535	0.658	0.915	1.003	0.3934	0.5567
Contains Pb?	NO	NO	NO	NO	NO	NO	YES	YES

Brandonite® is a registered trademark of Globe Composite Solutions, Ltd. ("GCS"). GCS makes no representation on the use of Brandonite® materials. The recommendations and specifications contained herein are based on results believed to be accurate and reliable. However, GCS does not warrant or imply any guarantee that the results are reproducible by others under the same or different conditions. GCS makes no express or implied warranty concerning the suitability of this product for other applications. It is the responsibility of the users to determine that this product is suitable for the intended use.