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Structural-X Recycled Structural Composite

Technical Data

Properties	Test	Value
Modulus of Elasticity	ASTM D-7032-07 (1)	400,000 psi
Modulus of Rupture, Ambient	ASTM D-7032-07 (1)	4,100 psi
Modulus of Rupture, Freeze/Thaw	ASTM D-7032-07 (1)	4,200 psi
Modulus of Rupture, UV Exposure	ASTM D-7032-07 (1)	4,300 psi
Modulus of Rupture, Water Absorption	ASTM D-7032-07 (1)	4,300 psi
Specific Gravity	ASTM D-2395-07a (3)	~ 0.75 g/cc
Thermal Expansion, Lineal	(3)	10 ° Fx10 ⁻⁶
Water Absorption	ASTM D-4442-92 (1)	0.2% max
Flame Spread Index	ASTM E-84-07 (2)	150
Coefficient of Friction (wet or dry) – Capped	(3)	0.57
Coefficient of Friction (wet or dry) – Uncapped	(3)	0.71

Test Reports:

- 1) PFS Report #07-110
- 2) ATI Report #C1044.04-121-24
- 3) Dow Chemical Company – Proprietary Testing