KING FLAMESHIELD

Tolerance information:

Please refer to specific product information

Disclaimer: FlameShield will affect finish and color

*Please note King FlameShield additive will not affect the physical properties of the material

Properties	Units	ASTM	Nominal Values		
Density	g/cc	D1505	1.04		
Tensile Strength @ Break	psi	D638	1,170		
Tensile Strength @ Yield	psi	D638	3,780		
Tensile Modulus of Elasticity	psi	D638	183,000		
Elongation @ Break	%	D683	53		
Elongation @ Yield	%	D638	8.6		
Flexural Modulus	psi	D790	179,000		
Flexural Stress @ 5% Strain	psi	D790	4,330		
Durometer	Shore D	D2240	71		
Vicat Softening	°C (°F)	D1525	129°C (264°F)		
Heat Deflection Temp. 66 psi	°C (°F)	D648	86.6°C (188°F)		
Thermal Expansion			Class A	Class B	
Surface Burning Characteristics		E84	20 & 60	60 & 450	FSI & SDO
Surface Burning Characteristics		ULC-S102	20 & 65	60 & 450	FSI & SDI

All values are determined on specimens prepared according to ASTM standards.
Nominal values should not be interpreted as specifications.

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