

KyronMAX™ S-2530

PRODUCT TECHNICAL DATA SHEET

MECHANICAL	Test Method	English		Metric	
		Typical Value	Unit	Typical Value	Unit
Specific Density	ASTM D792	1.21	g/cm ³	1.21	g/cm ³
Tensile Strength	ASTM D638	35,380	psi	244	MPa
Tensile Modulus of Elasticity	ASTM D638	2,676	ksi	18	GPa
Tensile Elongation	ASTM D638	2.15	%	2.15	%
Flexural Strength	ASTM D790	49,660	psi	342	MPa
Flexural Modulus of Elasticity	ASTM D790	2,498	ksi	17	GPa
Compressive Strength	ASTM D695	33,200	psi	229	MPa
Notched Izod Impact	ASTM D256	2.0	ft-lb/in	106	J/m
Unnotched Izod Impact	ASTM D4812	16	ft-lb/in	848	J/m
THERMAL	Test Method	Typical Value	Unit	Typical Value	Unit
Glass Transition (Tg)	ASTM D3418	312	°F	156	°C
Melting Point	ASTM D3418	N/A	°F	N/A	°C
ELECTRICAL	Test Method	Typical Value	Unit	Typical Value	Unit
Flammability	UL 94 ¹	HB		HB	
CHEMICAL	Test Method	Typical Value	Unit	Typical Value	Unit
Moisture, 24 hours	ASTM D570	1.5	% by wt	1.5	% by wt

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¹ Does not represent actual testing conducted by MCAM but is an estimated rating based on available data. The UL 94 Test is a laboratory test and does not relate to actual fire hazard.