

Kyron[®] 2220

PRODUCT TECHNICAL DATA SHEET

Mechanical	Test Method	Metric		English	
		Typical Value	Unit	Typical Value	Unit
Specific Gravity	ASTM D792	1.51	g/cm ³	0.06	lbf/in ³
Water Absorption (23°C/73°F in water 24 hrs)	ASTM D570	0.11	%	0.11	%
Tensile Strength	ASTM D638	138	MPa	20,000	psi
Tensile Elongation at Break	ASTM D638	1.50	%	1.50	%
Flexural Strength	ASTM D790	207	MPa	30,000	psi
Flexural Modulus of Elasticity	ASTM D790	8274	GPa	1,200,000	ksi
Notched Izod Impact Strength	ASTM D256	74.75	J/m	1.40	ft-lb/in
Unnotched Izod Impact Strength	ASTM D256	437.80	J/m	8.20	ft-lb/in
Thermal	Test Method	Typical Value	Unit	Typical Value	Unit
Melting Point	ASTM D3418	343	°C	649	°F
Glass Transition (Tg)	ASTM D3418	143	°C	289	°F
Heat Deflection Temperature Under Load	ASTM D648	316	°C	600	°F
Coefficient of Linear Thermal Expansion	ASTM D696	2.16	10 ⁻⁵ /°C	1.20	10 ⁻⁵ /°F
Thermal Conductivity	ASTM C177	16.92	W/mK	2.98	Btu in/hr ft ² °F

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¹Estimated rating based on available data. The UL 94 Test is a laboratory test and does not relate to actual fire hazard.