

Kyron[®] 2230

PRODUCT TECHNICAL DATA SHEET

Mechanical	Test Method	Metric		English	
		Typical Value	Unit	Typical Value	Unit
Specific Gravity	ASTM D792	1.41	g/cm ³	0.05	lbf/in ³
Water Absorption (23°C/73°F in water 24 hrs)	ASTM D570	0.06	%	0.06	%
Tensile Strength	ASTM D638	207	MPa	30,000	psi
Tensile Elongation at Break	ASTM D638	2.00	%	2.00	%
Flexural Strength	ASTM D790	0.08	MPa	40,000	psi
Flexural Modulus of Elasticity	ASTM D790	0.013	GPa	2,400,000	ksi
Notched Izod Impact Strength	ASTM D256	85.42	J/m	1.60	ft-lb/in
Unnotched Izod Impact Strength	ASTM D256	405.76	J/m	7.60	ft-lb/in
Electrical	Test Method	Typical Value	Unit	Typical Value	Unit
Volume/Surface Resistivity	EOS S11.11	<10 ⁵	Ω sq	<10 ⁵	Ω sq
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	1.44	10 ⁻⁵ /°C	0.80	10 ⁻⁵ /°F
Thermal Conductivity	ASTM C177	16.92	W/mK	2.98	Btu in/hr ft ² °F

USA – Arizona

257 East Alamo Drive
Chandler, AZ 85225 USA
Tel: 480.926.8100
Fax: 480.497.1530
KyronMAX@piperplastics.com

USA – Illinois

1840 Enterprise Court
Libertyville, IL 60048 USA
Tel: 847.367.0110
Fax: 847.367.0566

Asia – Thailand/Singapore

Eastern Seaboard Industrial Estate
Rayong 64/103, Moo 4, T. Pluakdaeng
A. Pluakdaeng, Rayong 21140 Thailand
Tel: +66 33 659 141
Fax: +66 33 659 143

<https://mcam.com>

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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.