



Tolerance information:

K-Stran™

Gauges 1/16" through 1-1/2" ± 5% | Length and width plus only at room temperature

Compression Molding

Gauges greater than 1" and under 1-1/2" ± 10% | Gauges 1-1/2" and greater plus only | Length and width plus only at room temperature

Custom thickness up to 25"/635mm with our King Size Blocks and Massive Shapes

Custom sheet sizes, gauges and colors available

Properties	Units	ASTM	Nominal Values
Density	g/cc	D1505	0.918
Tensile Strength @ Break	%	D638	>500
Elongation @ Yield	p.s.i.	D638	>1,400
Flexural Modulus	p.s.i.	D790	30,000
Durometer	Shore D	D785	42
Notched Izod Impact	ft. lbs/in. ²	D256	No Break
Vicat Softening Temp.	°C (°F)	D1525	89°C (192°F)
Brittleness Temp.	°C (°F)	D746	<-76°C (<-105°F)
Heat Deflection Temp. 66p.s.i.	°C (°F)	D648	50°C (122°F)
Haze	%	D1003	12.7
Dart Drop Impact Strength	g	D1709	130
Elmendorf Tear Strength	g	D1922	340

King KPC LDPE meets FDA 21 CFR 177.1520.

King KPC LDPE meets the requirements of Mil-P-23536 Rev A.

King KPC LDPE meets the requirements of EU Food Contract.

King KPC LDPE meets ASTM D4976.

King KPC LDPE is RoHS compliant.

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