

Physical Data Sheet



King Performance Commodity Low Density Polyethylene

Tolerances

Gauges

Width/Length

K-Stran® - 1/8" - 1-1/2" +/- 5% • Comp Mold - 1-1/2" Plus Only • Both width and length over 1-1/2" is + Only Plus Only at Room Temp.

Properties

Units

ASTM

Nominal Value*

Density	g/cc	D1505	.918
Tensile Strength @ Yield	p.s.i.	D638	>1400
Elongation @ Break	%	D638	>500
Vicat Softening Temp.	°C	D1525	89
Flexural Modulus	p.s.i.	D790	30,000
Durometer	Shore D	D785	42
Notched Izod Impact	ft.lbs/in	D256	No Break
Brittleness Temp.	°C	D746	<-76
Heat Deflection Temp. at 66 p.s.i.	p.s.i.	D648	50
Haze	%	D1003	12.7
Dart Drop Impact Strength	g	D1709	130
Elmendorf Tear Strength	g	D1922	340

King KPC Polypro is made entirely from FDA approved materials and is EU Food Contact RoHS compliant. All values are determined on specimens prepared according to ASTM D4976. Nominal values should not be interpreted as specifications.

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