

# Physical Properties Sheet



## King Performance Commodity Polypropylene

### Tolerances

Gauges

Width/Length

1/8" - 1" +/-5% | >1" +/- 10%

Plus Only at Room Temperature

Properties	Units	ASTM	1/8" - 1"	>1"
Density	g/cm <sup>3</sup>	D792	.903	.903
Tensile Strength @ Yield	p.s.i.	D638	>5,400	>4,100
Tensile Strength @ Break	p.s.i.	D638	3,000	2700
Elongation @ Yield	%	D638	9	10
Elongation @ Break	%	D638	100	550
Flexural Modulus	p.s.i.	D790	230,000	145,000
Durometer	Shore D	D2290	74	66
Izod Impact Resistance	ft-lb/in	D256	0.9	0.8
Un-notched Izod at Impact	ft-lb/in	D256	.>25	>25

\*All values are determined on specimens prepared according to ASTM Standards. Nominal values should not be interpreted as specifications.

King KPC Polypro is made from FDA approved materials.

King KPC Polypro is RoHS Compliant.

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