



King Performance Commodity Low Density Polyethylene

Gauge Tolerances

Gauge 1/16" through 1-1/2" \pm 5%, plus only, both width or length at room temperature
 Gauge greater than 1" under 1-1/2" is - 5% + 10%, plus only, both width or length
 at room temperature
 Gauge greater than 1-1/2" plus only, both width or length at room temperature

Properties	Units	ASTM	Nominal Value*
Density	g/cm ³	D1505	.918
Tensile Strength @ Yield	p.s.i.	D638	>1400
Elongation @ Break	%	D638	>500
Flexural Modulus	p.s.i.	D790	30,000
Durometer	Shore D	D785	42
Vicat Softening Temp.	°F	D1525	192°
Brittleness Temp.	°F	D746	<-105°
Heat Deflection Temp. at 66 <i>p.s.i.</i>	°F	D648	122°
Haze	%	D1003	12.7
Notched Izod Impact	ft.lbs/in	D256	No Break
Dart Drop Impact Strength	g	D1709	130
Elmendorf Tear Strength	g	D1922	340

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

King KPC LDPE meets ASTM D4976-PE113 • 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 is RoHS compliant.

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