


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRIPRO® PP Resin Homopolymer

Property	Unit	Test Method	Test Condition	Injection Molding
				K1011AG
Melt Flow Index	g/10min	ASTM D-1238 (ISO 1133)	230°Cx2.16kg	15
Tensile Strength at Yield	kgf/cm ² (MPa)	ASTM D-638 (ISO 527)	23°C	380 (37)
Tensile Elongation at Break	%	ASTM D-638 (ISO 527)	23°C	>200
Flexural Modulus	kgf/cm ²	ASTM D-790 (ISO 178)	23°C	16500 (1617)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039)	23°C	107
Izod Impact Strength	kgf-cm/cm (J/m)	ASTM D-256 (ISO 180)	23°C 1/8" bar	3.6 (35)
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75)	Unannealed 4.6kg/cm ² 1/4" bar	125
Molding Shrinkage Temperature	%	ASTM D-955 (ISO 2577)	23°C	1.4~1.8
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	0.9
FDA Compliance				Yes
Flammability		UL-94	File No. E162823	1.5mm HB 3.0mm HB All Color
JHOSPA-PL				-
Characteristics	Long term heat resistance, High stiffness, Good luster			

All tests were run under laboratory conditions, ASTM, ISO testing procedures. The data are intended as a general guide only.

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