


**FORMOSA CHEMICALS & FIBRE CORPORATION**
**TAIRIPRO® PP Resin Impact Copolymer**

Property	Unit	Test Method	Test Condition	Injection Molding
				K7009AH
Melt Flow Index	g/10min	ASTM D-1238 (ISO 1133)	230°Cx2.16kg	9
Tensile Strength at Yield	kgf/cm <sup>2</sup> (MPa)	ASTM D-638 (ISO 527)	23°C	260 (25)
Tensile Elongation at Break	%	ASTM D-638 (ISO 527)	23°C	>200
Flexural Modulus	kgf/cm <sup>2</sup>	ASTM D-790 (ISO 178)	23°C	13500 (1323)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039)	23°C	94
Izod Impact Strength	kgf-cm/cm (J/m)	ASTM D-256 (ISO 180)	23°C 1/8"bar	11 (108)
			-20°C 1/8"bar	4.6 (45)
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75)	Unannealed 4.6kg/cm <sup>2</sup> 1/4" bar	120
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 impact strength			

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

**Formosa Chemicals & Fibre Corp. Plastics Div.**

TEL: +886-2-27122211 / FAX: +886-2-27131649 /

Address: No.201, Dunhua N. Rd., Songshan Dist., Taipei City 105, Taiwan

Website: <https://en.fcfc-plastics.com/>

