


**FORMOSA CHEMICALS & FIBRE CORPORATION**
**TAIRIPRO® PP Resin Homopolymer**

Property	Unit	Test Method	Test Condition	Multi-filament
				S1040
Melt Flow Index	g/10min	ASTM D-1238 (ISO 1133)	230°Cx2.16kg	34
Tensile Strength at Yield	kgf/cm <sup>2</sup> (MPa)	ASTM D-638 (ISO 527)	23°C	350 (34)
Tensile Elongation at Break	%	ASTM D-638 (ISO 527)	23°C	>50
Flexural Modulus	kgf/cm <sup>2</sup>	ASTM D-790 (ISO 178)	23°C	15000 (1470)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039)	23°C	103
Izod Impact Strength	kgf-cm/cm (J/m)	ASTM D-256 (ISO 180)	23°C 1/8" bar	2.3 (23)
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75)	Unannealed 4.6kg/cm <sup>2</sup> 1/4" bar	110
Molding Shrinkage Temperature	%	ASTM D-955 (ISO 2577)	23°C	---
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	0.9
FDA Compliance				Yes
Flammability		UL-94	File No. E162823	-
JHOSPA-PL				-
Characteristics	Controlled rheology, Compact Spinning, Anti gas-fading			

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/>

