



FORMOSA CHEMICALS & FIBRE CORPORATION

PLASTIC DIVISION **POLYPROPYLENE**

TAIRI-PRO K4520

Polypropylene, Random copolymer

Typical Applications

- Labware, Medical Device

Processing Methods

- Injection Molding

Features

- Good Processability, Radiation Resistant(Radiation resistant to the dose of 50KGy), Good Clarity

Typical Properties	Test Method	Value	Unit
Specific Gravity	ASTM D-792	0.90	
Melt Index	ASTM D-1238	18	g/10min
Tensile Strength at Yield	ASTM D-638	310	kgf/cm ²
Tensile Elongation at Break	ASTM D-638	>200	%
Flexural Modulus	ASTM D-790A	11,000	kgf/cm ²
Hardness	ASTM D-785	95	R-scale
Izod Impact Resistance(23°C)	ASTM D-256	6.0	kgf.cm/cm
Heat Deflection Temperature	ASTM D-648	95	°C
Molding Shrinkage	FCFC Method	1.4~1.8	%
Haze(2mm specimen)	FCFC Method	13	%

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

Certificate:

- FDA 21 CFR 177.1520
- USP Class VI

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ISO 9001, 14001 and OHSAS 18001 Certified