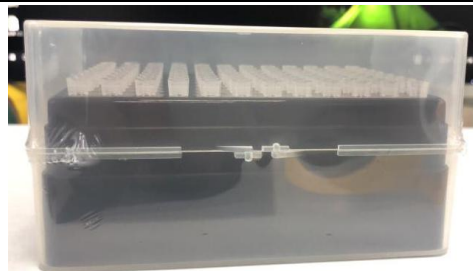
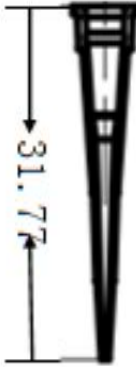


TECHNICAL DATE SHEET

BASIC INFORMATION	PRODUCT IMAGE	SIZE(mm)/ VOLUME	MATERIAL		PACKIN G	PACKING					
		10UL	TIP	FILTER		96/BOX					
		 $\Phi 6.05$	pp	UHMWPE							
		 31.77				10BOXES/WHITE INNER CARTON					

CERTIFICATE OF ANALYSIS FOR FILTER					
APPEARANCE		WHITE,CYLINDRICAL			
MATERIAL		UHMWPE			
MOLECULAR WEIGHT		(300-400) x 10 ⁴			
DENSITY		0.94g/CM ³			
AVERAGE PORE SIZE		20UM			
PERMITTIIVITY		≤2.35 x 10 ⁶ Hz			
WORKING HP RANGE		1~14			
WORKING TEMPERATURE RANGE		-196~80℃			
CHEMICAL STABILITY		RESISTIVE TO ACIDIC AND BASIC SOLUTION, CHEMICALLY INERT TO MOST ORGANIC SOLVENTS			
DIAMETER(MM)		THICKNESS(MM)		APPEARANCE	
SPECIFICATION	6.90±0.15	SPECIFICATION	4.80±0.20	SPECIFICATION	BLACK DOT VISIBLE<1%
MAX	6.95	MAX	4.87	PASS	
MIN	6.81	MIN	4.64		
AVG	6.89	AVG	4.76		
FUNCTION TESTING					
TESTING ITEM		SPECIFICATION		RESULT	
HYDROPHOBICITY		HYDROPHOBIC		PASS	
DNASE/RNASE		FREE		FREE	
PCR INHIBITOR		FREE		FREE	
HUMAN-DNA		FREE		FREE	
PYROGENIC		FREE		FREE	
POROSITY		≥40%		PASS	



TAIRI-PRO K1P38

Polypropylene, Homopolymer

Typical Applications

- Labware, Medical Device

Processing Methods

- Injection Molding

Features

- Good Processability, Radiation Resistant, Good Heat Stability, Surface Enhancement, Good Dimensional Stability

Typical Properties	Test Method	Value	Unit
Specific Gravity	ASTM D-792	0.90	

Specific Gravity	ASTM D-792	0.90	
Melt Index	ASTM D-1238	38	g/10min
Tensile Strength at Yield	ASTM D-638	350	kgf/cm ²
Tensile Elongation at Break	ASTM D-638	>200	%
Flexural Modulus	ASTM D-790A	14,000	kgf/cm ²
Hardness	ASTM D-785	105	R-scale
Izod Impact Resistance(23°C)	ASTM D-256	2.0	kgf.cm/cm
Heat Deflection Temperature	ASTM D-648	110	°C
Molding Shrinkage	FCFC Method	1.4~1.8	%

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 ClassVI

Typical properties; not to be construed as specification.

Head office:
201, Tun Hwa N. Road, 105 Taipei, Taiwan
Tel:+886-2-27178355

Plant:
Formosa Industrial Park, Zhongxing Village,
Mai-liao Township, Yunlin County, Taiwan.

Tel: +886-2-22717833
Fax: +886-2-227131649

Ma-hao Township, Tainan County, Taiwan.
Tel: +886-5-6813313

ISO 9001, 14001 and OHSAS 18001 Certified