

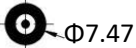


SAINING LIFE SCIENCE

Lianfa Industrial zone, Suzhou China

TEL:021-53393696

TECHNICAL DATA SHEET

BASIC INFORMATION	PRODUCT IMAGE	SIZE(mm)/ VOLUME	MATERIAL		PACKING
		200UL	TIP	FILTER	96/BOX
		 $\Phi 7.47$	pp	UHMWPE	
		 50.92			10BOXES/WHITE INNER CARTON
					
					5 INNER CARTON/OUTER CARTON
					

CERTIFICATE OF ANALYSIS FOR FILTER

APPEARANCE	WHITE,CYLINDRICAL
MATERIAL	UHMWPE
MOLECULAR WEIGHT	$(300-400) \times 10^4$

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°C		
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

MATERIAL



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	
Melt Index	ASTM D-1238	38	g/10min
Tensile Stength 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
Fax:+886-2-227131649

Plant:

Formosa Industrial Park, Zhongxing Village,
Mai-liao Township, Yunlin County, Taiwan.
Tel:+886-5-6813313

ISO 9001, 14001 and OHSAS 18001 Certified