

**TAIRIPRO® K1023**

PP

Formosa Chemicals &amp; Fibre Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	33.3	MPa	ASTM D 638
Elongation at Break	200	%	ASTM D 638
Flexural Modulus	1373	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	25.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	110	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Injection pressure	8 - 12	MPa	-

**Characteristics****Processing**

Injection Molding

**Features**

High Gloss, Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, RoHS compliant

**Regional Availability**

Asia Pacific