

TAIRIPRO® T8002

PP

Formosa Chemicals & Fibre Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	26.5	MPa	ASTM D 638
Elongation at Break	200	%	ASTM D 638
Flexural Modulus	1079	MPa	ASTM D 790
Rockwell Hardness	R 80	-	ASTM D 785
Izod Impact notched, 1/8 in	736	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	106	J/m	ASTM D 256
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	105	°C	ASTM D 648

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

Processing Recommendation Extrusion	Value	Unit	Test Standard
Mold temperature	190 - 210	°C	-

Characteristics**Processing**

Other Extrusion

Special Characteristics

High impact or impact modified

Features

High Gloss, Copolymer, Impact Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

Asia Pacific