

TAIRIPRO® S1803

PP

Formosa Chemicals & Fibre Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.3	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	33.4	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	37.3	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	110	°C	ASTM D 648

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

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

Asia Pacific