

TAIRILAC® AG10AP

ABS

Formosa Chemicals & Fibre Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4.6	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	38	MPa	ASTM D 638
Flexural Modulus	1862	MPa	ASTM D 790
Flexural Strength	63	MPa	ASTM D 790
Rockwell Hardness	R 93	-	ASTM D 785
Izod Impact notched, 1/4 in	480	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
DTUL @ 264 psi	84	°C	ASTM D 648
Vicat Temperature	100	°C	ASTM D 1525
Other properties			
Density	1040	kg/m ³	ASTM D 792
Processing Recommendation Extrusion			
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	180 - 230	°C	-
Zone 1	70 - 80	°C	-
Zone 2	80 - 90	°C	-
Zone 3	90 - 110	°C	-

Characteristics**Processing**

Other Extrusion

Regional Availability

Asia Pacific

Special Characteristics

High impact or impact modified