

TAITALAC 3100

ABS

Taita Chemical Company, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	0.8	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	32.4	MPa	ASTM D 638
Tensile Strength at Break	27.6	MPa	ASTM D 638
Elongation at Break	90	%	ASTM D 638
Flexural Modulus	1999	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/8 in	491	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	85	°C	ASTM D 648
Vicat Temperature	102	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1030	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding, Other Extrusion

Applications

Automotive

Special Characteristics

High impact or impact modified

Regional Availability

Asia Pacific