

TAITALAC 5000

ABS

Taita Chemical Company, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	42.1	MPa	ASTM D 638
Tensile Strength at Break	35.2	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2551	MPa	ASTM D 790
Rockwell Hardness	R 115	-	ASTM D 785
Izod Impact notched, 1/8 in	198	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 264 psi	83	°C	ASTM D 648
Vicat Temperature	103	°C	ASTM D 1525
Other properties			
Density	1040	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Applications

IT / Business Machine