

**TAITALAC 3100M**

ABS

Taita Chemical Company, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>0.6</b>	g/10min	ASTM D 1238
Temperature	<b>200</b>	°C	-
Load	<b>5</b>	kg	-
Mold Shrinkage, MD	<b>0.004</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>38.6</b>	MPa	ASTM D 638
Tensile Strength at Break	<b>31.7</b>	MPa	ASTM D 638
Elongation at Break	<b>40</b>	%	ASTM D 638
Flexural Modulus	<b>2068</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 100</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>358</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>85</b>	°C	ASTM D 648
Vicat Temperature	<b>101</b>	°C	ASTM D 1525
<b>Other properties</b>			
Density	<b>1030</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding, Film Extrusion, Other Extrusion

**Special Characteristics**

High impact or impact modified

**Features**

Fatigue Resistance

**Applications**

Refrigeration

**Regional Availability**

Asia Pacific