

Taizhou Plastic PA-A6-1

Polyamide 6
Taizhou Plastic Co., Ltd.

Message:

Taizhou Plastic PA-A6-1 is a polyamide 6 (nylon 6) product. It is available in the Asia-Pacific region. The main characteristics are: flame retardant/rated flame.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	80.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	6000	MPa	ISO 178
Flexural Stress	135	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	190	°C	ISO 75-2/B
Melting Temperature	218 - 225	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.6 mm)	V-0		UL 94
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0	hr	
Rear Temperature	230 - 260	°C	
Middle Temperature	230 - 260	°C	
Front Temperature	230 - 260	°C	
Nozzle Temperature	235 - 255	°C	
Mold Temperature	80 - 120	°C	

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