

Shandong PA610 Type I

Polyamide 610

Shandong Guangyin New Materials Co., Ltd.

Message:

Features and Applications: Compared with nylon 6 and nylon 66, nylon 610 is much softer and lower in water absorption, featured by excellent low temperature resistance and dimensional stability. Due to oil and chemicals resistance and excellent electric performance, it belongs to self-extinguishing material and can be applicable to coating of bristlelike monofilaments of toothbrush and cables.

General Information	
Features	Good Chemical Resistance
	Good Dimensional Stability
	Good Electrical Properties
	Low Temperature Resistant
	Low to No Water Absorption
	Oil Resistant
	Self Extinguishing
	Soft
Uses	Cable Jacketing
	Coating Applications
	Filaments

Physical	Nominal Value	Unit	Test Method
Density	1.07 to 1.13	g/cm ³	ISO 1183
Viscosity	90.000 to 120.000	g/cm ³	
Granularity	30.0 to 50.0	N/g	
Loss on Drying	< 1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 50.0	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Flexural Stress	> 50.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	208 to 220	°C	ISO 3146

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