

PAmpellonne® 617

Polyamide 6

Politem Plastik Ltd.

Message:

All Politem Plastik Polyamide Resins are recycled from Post Industrial Fiber Waste Streams

General Information			
Recycled Content	Yes		
Appearance	Natural Color		
Forms	Granules		
Processing Method	Compounding Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Ash Content	0.10	%	ISO 3451-4
Moisture	0.10 to 0.30	%	ISO 15512/B
Relative Viscosity ¹	2.70 to 2.90		
DSC Analysis	> 99	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	75 to 85		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000 to 4000	MPa	ISO 527-2
Tensile Stress (Yield)	80.0 to 90.0	MPa	ISO 527-2
Tensile Strain (Break)	> 5.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0 to 7.0	kJ/m ²	ISO 179/1A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	220 to 225	°C	ISO 3146
NOTE			

1. Formic

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