

P Ampellonne® 619

Polyamide 66
Politem Plastik Ltd.

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

General Information	
Recycled Content	Yes
Appearance	Clear/Transparent
	Natural Color
Forms	Granules
Processing Method	Compounding
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.13 to 1.15	g/cm ³	ISO 1183
Ash Content	0.10 to 0.20	%	ISO 3451-4
Moisture	0.10 to 0.30	%	ISO 15512/B
Relative Viscosity ¹	2.60 to 2.80		
DSC Analysis	> 99	%	
Titanium Dioxide	not present		

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	85 to 100		ISO 868

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500 to 4000	MPa	ISO 527-2
Tensile Stress (Yield)	50.0 to 90.0	MPa	ISO 527-2
Tensile Strain (Break)	> 3.0	%	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)	268 to 271	°C	ISO 3146

NOTE	
1.	Formic

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Recommended distributors for this material

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