

ResMart Repro Nylon 6 6

Polyamide 66

ResMart

Message:

Reprocessed nylon 6 6 that provides an economical property set

General Information			
Recycled Content	Yes		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Moisture Content		%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	62.1	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2690	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	45	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	1100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	199	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	82.2	°C	
Drying Time - Desiccant Dryer	3.0 - 4.0	hr	
Suggested Max Moisture	0.18	%	
Processing (Melt) Temp	277 - 299	°C	
Mold Temperature	48.9 - 90.6	°C	
Injection instructions			
Dew Point: 0°F			

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Recommended distributors for this material

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