

ResMart Utility Nylon 6 6 UVST BLK

Polyamide 66

ResMart

Message:

Unfilled Nylon 6 6, High Impact, Heat and UV Stabilized

General Information			
Additive	heat stabilizer		
	UV stabilizer		
Features	Impact resistance, high		
	Thermal Stability		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.6 - 2.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	44.8	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	65.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	850	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	No Break		ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	79.4	°C	
Drying Time - Desiccant Dryer	4.0	hr	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	277 - 299	°C	
Mold Temperature	65.6 - 107	°C	
Injection Pressure	68.9 - 124	MPa	
Injection instructions			

Dew Point: 0°F

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Recommended distributors for this material

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