

MAXAMID™ PA66 ST801HSL BK

Polyamide 66
Pier One Polymers, Inc.

Message:
PA66 ST801HSL Nylon 66 impact modified heat stabilized resin for injection molding

General Information			
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Heat Stabilized		
	Impact Modified		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	46.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	180	%	ASTM D638
Flexural Modulus (23°C)	1690	MPa	ASTM D790
Flexural Strength (23°C)	65.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.0	°C	ASTM D648
Peak Melting Temperature	255	°C	ASTM D3418
Injection	Nominal Value	Unit	
Suggested Max Moisture	< 0.20	%	
Processing (Melt) Temp	290 to 305	°C	
Mold Temperature	65.0 to 120	°C	

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Recommended distributors for this material

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