

# TEKAMID™ HG10L

Acrylonitrile Butadiene Styrene + Nylon

Mando Advanced Materials Co., Ltd.

## Message:

TEKAMID™ HG10L is an Acrylonitrile Butadiene Styrene + Nylon (ABS+Nylon) product filled with 10% glass fiber. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Impact Resistant

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Good Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage <sup>1</sup>			ASTM D955
Flow	0.50	%	
Across Flow	0.60	%	
Water Absorption (24 hr)	0.70	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	93.2	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	4610	MPa	ASTM D790
Flexural Strength	113	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	140	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	240 to 270	°C	
Mold Temperature	70.0 to 90.0	°C	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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