

TEKALOY™ G70NH

Polycarbonate + ABS

Mando Advanced Materials Co., Ltd.

Message:

TEKALOY™ G70NH is a Polycarbonate + ABS (PC+ABS) product. It is available in Asia Pacific.

Characteristics include:

- Flame Rated
- Flame Retardant
- Halogen Free

General Information			
Features	Flame Retardant		
	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.50 to 0.60	%	
Across Flow	0.50 to 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	57.9	MPa	ASTM D638
Tensile Elongation (Break)	55	%	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength	93.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	370	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	
Drying Time	4.0 to 5.0	hr	
Rear Temperature	220 to 260	°C	
Middle Temperature	210 to 250	°C	
Front Temperature	200 to 240	°C	
Nozzle Temperature	220 to 260	°C	
Processing (Melt) Temp	215 to 265	°C	
Mold Temperature	50.0 to 80.0	°C	
Injection Pressure	98.1 to 157	MPa	
NOTE			

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

