

# TEKAFIN™ P730G10

Polypropylene

Mando Advanced Materials Co., Ltd.

Message:

TEKAFIN P730G10 is Compounded-PP GF 10% high strength product.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	High Strength		
Uses	Automotive Applications		
	Electrical/Electronic Applications		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.90	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	53.9	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	5.0	%	ASTM D638
Flexural Modulus <sup>3</sup>	2550	MPa	ASTM D790
Flexural Strength <sup>4</sup>	78.5	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	160	°C	ASTM D648

Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

Injection	Nominal Value	Unit
Drying Temperature	70.0 to 80.0	°C
Drying Time	3.0 to 4.0	hr
Rear Temperature	190 to 210	°C
Middle Temperature	200 to 230	°C
Front Temperature	200 to 230	°C
Nozzle Temperature	210 to 230	°C
Processing (Melt) Temp	210 to 230	°C
Mold Temperature	40.0 to 60.0	°C

NOTE		
1.	5.0 mm/min	
2.	5.0 mm/min	
3.	3.0 mm/min	

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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

