

SEPAZ™ HT61X10

Polyphenylene Ether + PS
Mando Advanced Materials Co., Ltd.

Message:
SEPAZ HT61X10 is excellent heat resistance MPPO product.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50	%	ASTM D955
Transverse flow	0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	123		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	73.5	MPa	ASTM D638
Tensile Elongation ² (Break)	30	%	ASTM D638
Flexural Modulus ³	2700	MPa	ASTM D790
Flexural Strength ⁴	98.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 3.18 mm	49	J/m	ASTM D256
23°C, 3.18 mm	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	165	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 120	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	270 - 300	°C	
Middle Temperature	270 - 300	°C	
Front Temperature	270 - 300	°C	
Nozzle Temperature	280 - 310	°C	
Processing (Melt) Temp	260 - 300	°C	
Mold Temperature	60.0 - 100	°C	
Injection instructions			
Injection Speed: 30 to 70%Injection Pressure - 1st: 20 to 50%Injection Pressure - 2nd: 20 to 50%Injection Pressure - Back Pressure: 0 to 20%			
NOTE			

1.	50 mm/min
2.	50 mm/min
3.	3.0 mm/min
4.	3.0 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

