

SEPAZ™ LW8842FR

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

Message:

SEPAZ LW8842FR is a GF/MF 35% reinforced modified PPO product. This product has high modulus, low warpage, and good processability.

General Information			
Filler / Reinforcement	Glass\Mineral,35% Filler by Weight		
Features	Good Processability		
	High Stiffness		
	Low Warpage		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	125	MPa	ASTM D638
Tensile Elongation ² (Break)	2.0	%	ASTM D638
Flexural Modulus ³	10500	MPa	ASTM D790
Flexural Strength ⁴	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	51	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	129	°C	
1.8 MPa, Unannealed	123	°C	
Flammability	Nominal Value		Test Method
Flame Rating	V-1		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	105 to 110	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	250 to 300	°C	
Middle Temperature	260 to 305	°C	
Front Temperature	270 to 310	°C	
Nozzle Temperature	280 to 310	°C	
Processing (Melt) Temp	280 to 310	°C	
Mold Temperature	75.0 to 105	°C	
NOTE			
1.	5.0 mm/min		

2.	5.0 mm/min
3.	3.0 mm/min
4.	3.0 mm/min

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Recommended distributors for this material

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