

# SEPAZ™ 215A

Polyphthalamide

Mando Advanced Materials Co., Ltd.

## Message:

SEPAZ™ 215A is a Polyphthalamide (PPA) product filled with 15% glass fiber. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Heat Resistant

Low Moisture Absorption

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Features	High Heat Resistance Low Moisture Absorption		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage <sup>1</sup>			ASTM D955
Flow	0.20	%	
Across Flow	0.70	%	
Water Absorption (24 hr)	0.12	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	110	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength	159	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	232	°C	ASTM D648
Peak Melting Temperature	313	°C	ASTM D2133
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	300 to 330	°C	
Mold Temperature	130 to 160	°C	
NOTE			

1. 60°C Mold Temperature

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Recommended distributors for this material

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