

SEPAZ™ LUB4343

Polyphenylene Sulfide

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™LUB4343 is a polyphenylene sulfide (PPS) product. It is available in the Asia-Pacific region. The main characteristics are: flame retardant/rated flame.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.52	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.10	%	ASTM D955
Transverse flow	0.20	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.040	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	157	MPa	ASTM D638
Tensile Elongation ² (Break)	1.0 - 1.5	%	ASTM D638
Flexural Modulus ³	16200	MPa	ASTM D790
Flexural Strength ⁴	216	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	260	°C	ASTM D648
Peak Melting Temperature	320	°C	ASTM D3418
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+3	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	120 - 140	°C	
Drying Time	4.0	hr	
Rear Temperature	300 - 320	°C	
Middle Temperature	310 - 330	°C	
Front Temperature	310 - 330	°C	
Nozzle Temperature	320 - 340	°C	
Processing (Melt) Temp	320 - 340	°C	
Mold Temperature	140 - 160	°C	
Injection instructions			
Injection Speed: 40 to 70%Injection Pressure - 1st: 20 to 50%Injection Pressure - 2nd: 20 to 0%Injection Pressure - Back Pressure: 0 to 20%			
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

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

