

LubriOne™ SF-000/25BZ-15T bronze

Polyphenylene Sulfide

PolyOne Corporation

Message:

LubriOne™ Lubricated and Wear-Resistant Compounds have been specifically formulated to be self-lubricating materials, offering low coefficient of friction and improved wear resistance properties. LubriOne compounds have been demonstrated to reduce friction, noise, vibration, heat buildup and improve product durability.

General Information			
Features	Lubricated		
Uses	Appliance Components		
	Conveyor Parts		
	Printer Parts		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.85	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.2 to 1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2500	MPa	ASTM D638
Tensile Strength ² (Break)	50.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	2.0 to 3.0	%	ASTM D638
Flexural Modulus	3200	MPa	ASTM D790
Flexural Strength	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	1.5	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	16	kJ/m ²	ISO 179
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	ASTM D257
Volume Resistivity	1.0E+14	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	140 to 150	°C	
Drying Time	4.0	hr	
Mold Temperature	130 to 150	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		
3.	Type I, 5.1 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

