

Slique™ 4150R30W22

Polyphenylene Sulfide
Technical Polymers, LLC

Message:

Slique™4150R30W22 is a polyphenylene sulfide (PPS) material, which contains a 30% glass fiber reinforced material. This product is available in North America and is processed by injection molding.

Slique™The main features of 4150R30W22 are:

flame retardant/rated flame

Lubrication

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	PTFE lubricant		
Features	Lubrication		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.69	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	159	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.0	%	ASTM D638
Flexural Modulus (23°C)	11000	MPa	ASTM D790
Flexural Strength (23°C)	234	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	268	°C	ASTM D648
Melting Temperature	280	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Additional Information			
Volum Resistivity, ASTM D257: > 1e13 ohm-cm			
Injection	Nominal Value	Unit	
Drying Temperature	135 - 149	°C	
Drying Time	3.0 - 4.0	hr	
Processing (Melt) Temp	316 - 343	°C	
Mold Temperature	135 - 149	°C	

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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

