

Edgetek™ sPS QT-30GF/000

Syndiotactic Polystyrene

PolyOne Corporation

Message:

Edgetek™ sPS QT-30GF/000 is a Syndiotactic Polystyrene (SPS) product filled with glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.30 to 0.80	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	10200	MPa	ISO 527
Tensile Strength ² (Break)	123	MPa	ISO 527
Tensile Elongation ³ (Break)	1.6	%	ISO 527
Flexural Modulus	9500	MPa	ISO 178
Flexural Strength	170	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	30	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	240	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	270 to 320	°C	
Mold Temperature	150	°C	
NOTE			
1.	Type I, 5.0 mm/min		
2.	Type I, 5.0 mm/min		
3.	Type I, 5.0 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

