

KOPPS® S13G40

Polyphenylene Sulfide

Kolon Plastics, Inc.

Message:

KOPPS® S13G40 is a Polyphenylene Sulfide (PPS) product filled with 40% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

- Flame Rated
- Good Dimensional Stability
- Heat Resistant
- High Flow

General Information	
UL YellowCard	E190675-100530678
Filler / Reinforcement	Glass Fiber,40% Filler by Weight
Features	Good Dimensional Stability
	High Flow
	High Heat Resistance
	Self Extinguishing

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.65	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.25	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.020	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	122		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	157	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	13700	MPa	ASTM D790
Flexural Strength (23°C)	255	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	265	°C	ASTM D648
Peak Melting Temperature	285	°C	ASTM D3418
CLTE - Flow	2.2E-4	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	16	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	4.00		ASTM D150
Arc Resistance	120	sec	ASTM D495

Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

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



WECHAT