

Kinta R7-002 BK

Polyphenylene Sulfide

Kinta Technology (Hong Kong) Co., Ltd.

Message:

Kinta R7-002 BK is a polyphenylene sulfide (PPS) product. It is available in the Asia-Pacific region.

Features include:

flame retardant/rated flame

Flame Retardant

General Information			
Additive	Flame retardancy		
Features	Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.87	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	135		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	150	MPa	ASTM D638
Tensile Elongation ² (Break)	6.0	%	ASTM D638
Flexural Modulus ³	15600	MPa	ASTM D790
Flexural Strength ⁴	250	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	6.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	> 260	°C	ASTM D648
CLTE - Flow	2.3E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Dielectric Strength	12	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.2 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	120 - 150	°C	
Drying Time	1.0	hr	
Rear Temperature	275 - 280	°C	
Middle Temperature	285 - 295	°C	
Front Temperature	275 - 285	°C	
Nozzle Temperature	280 - 290	°C	
Processing (Melt) Temp	270 - 290	°C	

Mold Temperature	100 - 120	°C
Injection Pressure	100 - 130	MPa
NOTE		
1.	50 mm/min	
2.	50 mm/min	
3.	5.0 mm/min	
4.	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



WECHAT