

SEPAZ™ K425CTS

Polyphenylene Sulfide

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™ K425CTS is a Polyphenylene Sulfide (PPS) product filled with 10% carbon fiber. It is available in Asia Pacific.

Characteristics include:

Conductive

Lubricated

General Information			
Filler / Reinforcement	Carbon Fiber,10% Filler by Weight		
Additive	PTFE + Silicone Lubricant (15%)		
Features	Electrically Conductive		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.50 to 0.70	%	
Across Flow	0.60 to 0.80	%	
Water Absorption (24 hr)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	126	MPa	ASTM D638
Tensile Elongation (Break)	1.6	%	ASTM D638
Flexural Modulus	26600	MPa	ASTM D790
Flexural Strength	189	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	36	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2 to 1.0E+4	ohms	ASTM D257
Injection	Nominal Value	Unit	
Processing (Melt) Temp	316 to 321	°C	
Mold Temperature	135 to 163	°C	
NOTE			

1. 60°C Mold Temperature

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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

