

SEPAZ™ K435CTS

Polyphenylene Sulfide

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™ K435CTS is a Polyphenylene Sulfide (PPS) product filled with 20% carbon fiber. It is available in Asia Pacific. Primary characteristic: lubricated.

General Information			
Filler / Reinforcement	Carbon Fiber,20% Filler by Weight		
Additive	PTFE + Silicone Lubricant (15%)		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46	g/cm³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.10	%	
Across Flow	0.40	%	
Water Absorption (24 hr)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	161	MPa	ASTM D638
Tensile Elongation (Break)	1.6	%	ASTM D638
Flexural Modulus	14700	MPa	ASTM D790
Flexural Strength	224	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	47	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	265	°C	ASTM D648
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

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