

Fortron® 0205B4/20μm

Polyphenylene Sulfide

Celanese Corporation

Message:

Based on the adjusted particle size distribution, Fortron 0205B4/20μm is suitable for coating processes. Chemical and physical properties (exception is the particle size distribution) are the same like for Fortron 0205B4.

General Information			
Uses	Coating application		
RoHS Compliance	Contact manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ISO 527-2/1A/1
Flexural Modulus (23°C)	3900	MPa	ISO 178
Flexural Stress (23°C)	130	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	115	°C	ISO 75-2/A
Glass Transition Temperature ¹	90.0	°C	ISO 11357-2
Melting Temperature ²	280	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Drying Time	1.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	290 - 295	°C	
Middle Temperature	290 - 300	°C	
Front Temperature	300 - 310	°C	
Nozzle Temperature	300 - 310	°C	
Processing (Melt) Temp	295 - 330	°C	
Injection instructions			
Feed Temperature: 285 to 290°C			
NOTE			
1.	10°C/min		
2.	10°C/min		

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Recommended distributors for this material

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