

3M™ Dyneon™ PTFE Compound TF 6220

Polytetrafluoroethylene

3M Advanced Materials Division

Message:

- Features
- Dyneon™ PTFE Compound filled with conductive pigment
- Free flow compound
- Antistatic

General Information	
Additive	Antistatic Pigment
Features	Antistatic Good Flow
Processing Method	Compression Molding Sintering

Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.15	g/cm³	ASTM D4745-06
Apparent Density	0.63	g/cm³	ASTM D4894-07
Molding Shrinkage - Flow	3.0	%	ASTM D4894-07

Hardness	Nominal Value	Unit	Test Method
Shore Hardness ¹ (Shore D)	64		DIN 53505

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Break)	30.5	MPa	ASTM D4745-06
Tensile Elongation ³ (Break)	300	%	ASTM D4745-06

Additional Information	Nominal Value	Unit
Compression Molding Molding Pressure	35.0	MPa
Compression Molding Temperature	23 to 26	°C
Sintering Temperature	< 365	°C

NOTE	
1.	Measured on sintered moldings
2.	Measured on sintered moldings
3.	Measured on sintered moldings

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Recommended distributors for this material

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