

Technical Information



Dyneon™ TF 6620

PTFE Compound

Features

- Dyneon™ PTFE Compound Filled With conductive pigment
- Free flow compound
- Antistatic

Typical properties*

Property	Test method	Unit	Value
Bulk density	DIN EN ISO 60	g/l	620
Shrinkage	Dyneon method	%	3.1
Specific gravity	DIN EN ISO 1183-1	g/cm ³	2145
Mechanical properties*, on sintered moldings			
Tensile strength	DIN EN ISO 527-3	MPa	29
Elongation at strength	DIN EN ISO 527-3	%	290
Hardness	DIN 53505	Shore 'D'	64

* average values measured according to DIN ISO 527-3 ON 1.0 mm slices, cross direction at 23°C

Recommended processing procedures

If transport or storage temperatures are too high the material can agglomerate in its container. In such cases, it is advisable to store the material for 48 hours at below 23°C and then to sieve it (mesh size 4mm) before filling the mould. To achieve optimum properties, compression moulding should be carried out within a temperature range of 23°C to 26°C and a humidity range of 45% to 55% and a pressure of 35 Mpa. The maximum sintering temperature should be 365°C.

Supply form

Dyneon™ 6220 PTFE Compound is supplied in moisture and dust tight plastic boxes.

Capacity per box: 25kg
Order quantity per pallet: 300kg