

## KEPITAL® FL2010

A 10% PTFE powder filled grade for general injection molding KEPITAL FL2010 is a 10% PTFE powder filled grade, good for general injection molding. It is suitable for parts that are required of low wear and friction.

## Rheological properties

Moulding shrinkage, parallel	2.0 %	6	ISO 294-4, 2577
Typical mechanical properties			
Yield stress, 50mm/min	55 M	/IPa	ISO 527-1/-2
Nominal strain at break	14 %	6	ISO 527-1/-2
Flexural Modulus	2400 M	/IPa	ISO 178
Flexural Strength	80 M	/IPa	ISO 178
Charpy notched impact strength, 23°C	3 kJ	J/m²	ISO 179/1eA
Thermal properties			
Melting temperature, 10°C/min	165 °C	С	ISO 11357-1/-3
Electrical properties			
Volume resistivity	>1E14 O	Ohm.m	IEC 62631-3-1
Surface resistivity	>1E16 O	Dhm	IEC 62631-3-2
Other properties			
Humidity absorption, 2mm	0.19 %	6	Sim. to ISO 62
Density	1450 kg		ISO 1183

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