

KEPITAL® FG2025 LOF

A 25% glass fiber-reinforced, low emission grade

KEPITAL® FG2025 LOF is a 25% glass fiber-reinforced grade for general injection molding.

Low emission grade featuring thermal stability.

Suitable for parts requiring extremely high strength, high stiffness, high deflection temperature, and excellent creep resistance

Rheological properties

Moulding shrinkage range, parallel	0.5 %	ISO 294-4, 2577
------------------------------------	-------	-----------------

Typical mechanical properties

Stress at break, 5mm/min	140 MPa	ISO 527-1/-2
Strain at break, 5mm/min	2.5 %	ISO 527-1/-2
Flexural Modulus	8000 MPa	ISO 178
Flexural Strength	190 MPa	ISO 178
Charpy notched impact strength, 23°C	7 kJ/m ²	ISO 179/1eA

Other properties

Density	1590 kg/m ³	ISO 1183
---------	------------------------	----------
