

# KEPITAL® FG1025

25% glass fiber filled high viscosity grade

KEPITAL® FG1025 is a 25% glass fiber filled high viscosity grade. KEPITAL®FG1025 is suited for parts requiring very high stiffness, creep resistance, and HDT.

## Typical mechanical properties

Stress at break, 5mm/min	155 MPa	ISO 527-1/-2
Strain at break, 5mm/min	2.5 %	ISO 527-1/-2
Flexural Modulus	8300 MPa	ISO 178
Flexural Strength	220 MPa	ISO 178
Charpy notched impact strength, 23°C	10 kJ/m <sup>2</sup>	ISO 179/1eA

## Thermal properties

Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
-------------------------------	--------	----------------

## Other properties

Humidity absorption, 2mm	0.2 %	Sim. to ISO 62
Density	1590 kg/m <sup>3</sup>	ISO 1183

## Other Approvals

Other Approvals	OEM	Specification	Additional Information
	Ford	WSS-M98P14-A3	ASN 9900