

## KEPITAL<sup>®</sup> FG1025 N012

25% glass fiber-reinforced, high viscosity grade (grey color)

KEPITAL®FG1025 N012 is a 25% glass fiber-reinforced grade (a high-viscosity grade) for general injection molding (greycolored). Suitable for parts requiring extremely high strength, high stiffness, high deflection temperature and excellent creep resistance.

## Typical mechanical properties

Stress at break, 5mm/min	162	MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.2	%	ISO 527-1/-2
Flexural Modulus	8850	MPa	ISO 178
Flexural Strength	240	MPa	ISO 178
Charpy notched impact strength, 23°C	10	kJ/m²	ISO 179/1eA
Thermal properties			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	162	°C	ISO 75-1/-2
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	1590	kg/m³	ISO 1183
Density	1550	Kg/III	150 1105

## **Other Approvals**

Other Approvals

OEM	Specification	Additional Information
Stellantis - PSA Group	B62 0020	POM-GF25

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