

# CELSTRAN<sup>®</sup> PP-GF40-03-BLACK

## CELSTRAN® Long Fibre

40% long glass fiber reinforced, chemically coupled, heat stabilized, Polypropylene BLACK

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Resin Identification Part Marking Code		PP-LGF40 >PP-LGF40<		ISO 1043 ISO 11469
Typical mechanical properties				
Tensile modulus Tensile stress at break, 5mm/min Tensile strain at break, 5mm/min Flexural modulus Flexural strength Charpy notched impact strength, 23°C Poisson's ratio [C]: Calculated		2 8250 190	MPa %	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178 ISO 179/1eA
Thermal properties				
Temperature of deflection under load, 1.8 MPa Temperature of deflection under load, 0.45 MPa Temperature of deflection under load, 8 MPa		158 161 130	°C	ISO 75-1/-2 ISO 75-1/-2 ISO 75-1/-2
Flammability				
Burning Behav. at thickness h Thickness tested			class mm	IEC 60695-11-10 IEC 60695-11-10
Physical/Other properties				
Density		1210	kg/m³	ISO 1183
Injection				
Back pressure Ejection temperature		3 117	MPa °C	
Characteristics				
Processing	Injection Moulding			
Delivery form	Pellets			
Special characteristics	Heat stabilised or stable to heat			
Additional information				

**Processing Notes** 

### **Pre-Drying**

It is normally not necessary to dry CELSTRAN PP. However, should there be surface moisture (condensate) on the molding compound as a result of incorrect storage, drying is required.

### Storage

Printed: 2025-05-30





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The product can then be stored in standard conditions until processed.

### Automotive

OEM Stellantis Stellantis - Chrysler STANDARD MS-DB-21 / PP-H.LGF40.5000F.15C.HS MS-DB-21 / CPN-3608 ADDITIONAL INFORMATION CPN3608 BLACK Black

#### Printed: 2025-05-30

#### Revised: 2024-04-25 Source: Celanese Materials Database

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