

**Properties****PP-GF30-01**

Long glass fiber-reinforced PP resin (GF30%)

Properties	Test methods	Test conditions	Units	
Tensile strength	ISO 527	-	MPa	110
Flexural strength	ISO 178	-	MPa	170
Flexural modulus	ISO 178	-	MPa	6,400
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	30
Deflection temperature under load	ISO 75	1.80MPa	deg C	160
Density	ISO 1183	-	g/cm3	1.12

Note

•Values are typical, not quality assured.

**Typical settings for processing**

Preliminary drying	Barrel temperature(deg C)				Screw rotation (rpm)	Back pressure (MPa)	Mold temperature (deg C)
	Nozzle	Front	Middle	Back			
1hrs 80deg C	200-250	200-250	190-240	180-230	40-60	5-10	30-80