

## GTM PP30GF BK UC

Polypropylene copolymer reinforced with 30% glass fiber UL94 HB

### General information:

Polypropylene copolymer (PP) reinforced with 30% glass fiber that complies with UL 94 HB, made from PCR and PIR flakes.

Processing method: Injection method

Properties	Min. Limit	Max. Limit	Typical Value	Unit	Test Method
Density	1.05	1.20	1.15	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	14.0	10.0	g/10min	ASTM D1238
Reinforcement content	28.0	33.0	30.0	%	ASTM D5630
Flexural Modulus	>3000		3500	MPa	ASTM D790
Tensile Stress (Yield)	>30		35	MPa	ISO 527-2
Notched Izod Impact Resistance	3.50 0.75	7.0 1.5	5.0 1.2	kJ/m <sup>2</sup> lb-ft/in	ISO 180 ASTM D256
Flame Resistance	HB		HB		Internal UL94

- Notes:**
- *Typical properties: these are not to be construed as specifications. Method I (3 point load)*
  - *Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 10% relative humidity unless otherwise noted*

#### Features:

- Superior process efficiency
- Thermally stabilized
- Optimal combination of rigidity and impact strength
- Colors: Black

#### Uses:

- Components for automotive, appliance, and HVAC manufacturing
- Industrial applications

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