

GTM PP20TALC FLEX1200 UC

Polypropylene copolymer reinforced with 20% talc UL94 HB

General information:

Polypropylene copolymer (PP) reinforced with 20% talc 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	1.032	1.140	1.080	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	14.0	10.0	g/10min	ASTM D1238
Reinforcement content	18.0	22.0	20.0	%	ASTM D5630
Flexural Modulus	1200	1500	1300	MPa	ASTM D790
Tensile Stress (Yield)	>18		20	MPa	ISO 527-2
Notched Izod Impact Resistance	>10.0		12.0	kJ/m ²	ISO 180
	>1.9		2.5	lb-ft/in	ASTM D256
	>100		120	J/m	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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