

Mafill® CR HT 6344

Polypropylene
Industrial Quality Compound

Description:

Polypropylene homopolymer 20% talc filled, for injection moulding

General

MFI (230°/2,16kg)	ISO 1133	15	g/10min
Density	ISO 1183	1.05	g/cm ³
Linear mould shrinkage	ASTM D955	1.2-1.4	%

Thermal

HDT/A (1,82MPa)	ISO 75A	65	°C
Vicat softening point (B50 (50N))	ISO 306	94	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	3.5	kJ/m ²
Izod notched impact strength (-30 °C)	ISO 180	2.0	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	32 *	MPa
Tensile strength at break (23 °C)	ISO 527	25 *	MPa
Elongation at break (23 °C)	ISO 527	30 *	%
Flexural modulus (23 °C)	ISO 178	2500	MPa
Flexural strength (+23°C)	ISO 178	44 **	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	38	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Remark:

* tested at 50mm/min

** tested at 2 mm/min

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. Ravago industrial quality compounds are totally or partially produced with non-prime quality ingredients. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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