



Mafill® CR HT 6344 H UV

Ravago Manufacturing Europe - Polypropylene Homopolymer

General Information

Product Description

PP Homopolymer, 20% talc filled, UV stabilized, black

OEM black customized colours:

- Mafill CR HT 6344 H UV-9 E20000
- Mafill CR HT 6344 H UV-9 E25040
- Mafill CR HT 6344 H UV-9 E25015

General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Talc, 20% Filler by Weight
Additive	• UV Stabilizer
Features	• Homopolymer • UV Stabilized
Appearance	• Black

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Ash Content (600°C)	20	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2300	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	30.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	5.0	%	ISO 527-2
Tensile Strain (Break, 23°C)	15	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	35	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	3.5	kJ/m ²	ISO 180
Unnotched Izod Impact Strength (23°C)	25	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	58.0	°C	ISO 75-2/A
Vicat Softening Temperature	89.0	°C	ISO 306/B50

Notes

¹ Typical properties: these are not to be construed as specifications.