



Mafill® CR CE 4044 S

Ravago Manufacturing Europe - Polypropylene

General Information

Product Description

Polypropylene compound, black, impact modified

General

Material Status	• Commercial: Active
Availability	• Europe
Additive	• Impact Modifier
Features	• Impact Modified
Appearance	• Black

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Ash Content (600°C)	5.0	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	850	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	18.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	11	%	ISO 527-2
Tensile Strain (Break, 23°C)	300	%	ISO 527-2
Flexural Modulus (23°C)	900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	4.0	kJ/m ²	
23°C	33	kJ/m ²	
Notched Izod Impact Strength			ISO 180
-30°C	4.0	kJ/m ²	
23°C	35	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	54.0	°C	ISO 306/B50

Notes

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