



TotalEnergies

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Finalloy® EBP-10 205.358

Technical data sheet – Issue 4
Polypropylene Automotive Compound
Produced in Europe

Description

Finalloy EBP-10 205.358 is a mineral-filled and impact-modified polypropylene-based compound that combines good impact/rigidity balance with good processability.

Finalloy EBP-10 205.358 is a mass metallic effect (Renault Chrome Effect 205.358) colored compound with UV stabilization. It is particularly suitable for the injection moulding of unpainted visible automotive parts like bumper spoilers (add-ons, skid plates, ...) and decorative parts.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Rate 230°C/2,16 kg	ISO 1133-1	g/10 min	21
Mechanical properties			
Tensile modulus	ISO 527	MPa	1900
Tensile strength at yield	ISO 527	MPa	22
Tensile strain at yield	ISO 527	%	3,5
Elongation at break	ISO 527	%	90
Flexural modulus	ISO 178	MPa	2000
Izod impact strength (notched)	ISO 180-1A	kJ/m ²	
at 23°C			13
at -20°C			4
Thermal properties			
Melting range	internal method	°C	160-165
Heat Deflection Temperature	ISO 75-2	°C	
0,45 MPa - 120°C per hour			107
Linear mould shrinkage, MD, t=3mm	internal method	%	0,75 – 0,95
Coefficient of Linear Thermal Expansion	ISO 11359-2	m/(m·K)	60·10 ⁻⁶
Other physical properties			
Density	ISO 1183-1	g/cm ³	1,02

PP Automotive Compound