



TotalEnergies

Refining & Chemicals
Polymers

+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

Finalloy® EF-56/8LS

Technical data sheet – Issue 6
Polypropylene Automotive Compound
Produced in Europe

Description

Finalloy EF-56/8LS is a mineral-filled and impact modified polypropylene-based compound that combines good processing with very good impact resistance and high stiffness.

Finalloy EF-56/8LS is particularly suitable for the injection moulding of automotive parts, which require a good impact resistance and high dimensional stability.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Rate 230°C/2,16 kg	ISO 1133-1	g/10 min	11
Mechanical properties			
Tensile strength at yield	ISO 527	MPa	16
Tensile strain at yield	ISO 527	%	6
Elongation at break	ISO 527	%	85
Flexural modulus	ISO 178	MPa	1550
Charpy impact strength (notched)	ISO 179-1eA	kJ/m ²	
at 23°C			No break
at -20°C			12
at -30°C			6
Thermal properties			
Melting range	internal method	°C	160-165
Heat Deflection Temperature	ISO 75-2	°C	
0,45 MPa - 120°C per hour			100
Vicat Softening point A50 (10N, 50°C/h)	ISO 306	°C	125
Linear mould shrinkage, MD, t=3mm	internal method	%	0,50 – 0,70
Coefficient of Linear Thermal Expansion	ISO 11359-2	m/(m·K)	55·10 ⁻⁶
Other physical properties			
Density	ISO 1183-1	g/cm ³	1,05

PP Automotive Compound