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Finalloy® SLV-67HM LG

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

Description

Finalloy SLV-67HM LG is a 20% mineral-filled and impact-modified polypropylene-based compound that combines a good impact-rigidity balance with good processability. This material has been developed to meet extremely severe specifications for VOC emissions.

Finalloy SLV-67HM LG is particularly suitable for the injection moulding of non-painted, visible automotive interior parts that require excellent scratch resistance.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Rate 230°C/2,16 kg	ISO 1133-1	g/10 min	20
Mechanical properties			
Tensile modulus	ISO 527	MPa	1900
Tensile strength at yield	ISO 527	MPa	22
Tensile strain at yield	ISO 527	%	5
Elongation at break	ISO 527	%	50
Flexural modulus	ISO 178	MPa	2050
Charpy impact strength (notched)			
at 23°C	ISO 179-1eA	kJ/m ²	-
at -20°C	ISO 179-1eA	kJ/m ²	3,5
Thermal properties			
Melting range	internal method	°C	160-165
Heat Deflection Temperature			
0,45 MPa - 120°C per hour	ISO 75-2	°C	110
Linear mould shrinkage, MD, t=3mm	internal method	%	0,85 – 1,00
Coefficient of Linear Thermal Expansion	ISO 11359-2	m/(m·K)	65·10 ⁻⁶
Other physical properties			
Density	ISO 1183-1	g/cm ³	1,04

PP Automotive Compound