

Description

Finalloy **HXN-10** is a 10% mineral-filled polypropylene copolymer-based compound that combines good processing with high rigidity. Compared to a 20% mineral-filled PP grade a weight saving of 7% can be realized.

Finalloy **HXN-10** is particularly suitable for the injection moulding of automotive non-visible interior parts, which require low HC emissions and odour, like airducts or backmoulded parts.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Rate 230°C/2,16 kg	ISO 1133-1	g/10 min	24
Mechanical properties			
Tensile modulus	ISO 527	MPa	2350
Tensile strength at yield	ISO 527	MPa	29
Elongation at break	ISO 527	%	15
Flexural modulus	ISO 178	MPa	2500
Charpy impact strength (notched) at 23°C	ISO 179-1eA	kJ/m ²	3
Thermal properties			
Melting range	internal method	°C	160-165
Heat Deflection Temperature (0,45 MPa - 120°C/h)	ISO 75-2	°C	125
Linear mould shrinkage (MD, t=3mm)	internal method	%	1,1 – 1,3
Other physical properties			
Density	ISO 1183-1	g/cm ³	0,975
Bulk density	internal method		0,58