

## 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
<b>Rheological properties</b>			
Melt Flow Rate 230°C/2,16 kg	ISO 1133-1	g/10 min	24
<b>Mechanical properties</b>			
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 <sup>2</sup>	3
<b>Thermal properties</b>			
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
<b>Other physical properties</b>			
Density	ISO 1183-1	g/cm <sup>3</sup>	0,975
Bulk density	internal method		0,58

## Handling and storage

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery, provided storage conditions are used as given in the SDS of our product. SDS may be obtained from your technical service contact on request.

Shrinkage range is given as an indication only and should not be used as such for mould design. Shrinkage depends on many variables. Users should define mould shrinkage based on their own measurements.

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