

# DATA SHEET

## Impregnated Yarn

### Product Specification

Beta – sewing thread

Type MNB 30

<b>HNZ 4001</b>	<i>PTFE</i>	0.5 kg
<b>HNZ 4002</b>	<i>PTFE</i>	1,0 kg
<b>HNZ 4003</b>	<i>PTFE/Oil</i>	0,5 kg
<b>HNZ 4004</b>	<i>PTFE/Oil</i>	1,0 kg

### Technical Data

<b>Properties</b>	<b>Nominal value</b>	<b>Tolerance of the nominal value</b>	<b>Test method</b>
<i>Basis material</i>	<i>EC 4-33 x2 x2 Z340</i>	$\Delta Z = \pm 15\%$	<i>DIN EN 12654</i>
<i>Coating</i>	<i>PTFE</i>		-
<i>Oil (HNZ 4003, HNZ 4004)</i>	13 %	$\pm 20 \%$	-
<i>Linear density of the coated yarn (without Oil)</i>	170 tex	$\pm 8 \%$	<i>DIN EN ISO 1889</i>
<i>Diameter of the plied yarn</i>	ca. 0.3 mm		-
<i>Loss on ignition (without Oil)</i>	18 %	$\pm 20 \%$	<i>DIN ISO 1887</i>
<i>Moisture (without Oil)</i>	< 0.1 %	-	<i>ISO 3344</i>
<i>Tensile strength</i>	> 73 N	-	<i>DIN EN ISO 3341</i>
<i>Knot strength</i>	> 15 N		<i>DIN 53842</i>
<i>Bobbin type</i>	<i>small king bobbins 0.5 kg; big king bobbins 1.0 kg</i>		
<i>Colour</i>	<i>beige; can fade on exposure to light (especially ultraviolet light)</i>		

### Packaging and Storage

The yarn for sewing machine is delivered on king bobbins.

You can receive other bobbins on enquiry.

Packing unit: 0.5 kg king bobbins → 12 or 50 bobbins

1.0 kg king bobbins → 9 bobbins

King bobbins with impaired volume can to be enclosed in every packing unit.



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