



# ELTEX<sup>®</sup> B6922N1347

## Product Technical Information

ELTEX<sup>®</sup> B6922N1347 is a high density polyethylene copolymer grade specially developed for extrusion production process.

## Applications

- Extrusion production process

Properties	Conditions	Test Methods	Values	Units
<b>Physical</b>				
Density <sup>1</sup>	23°C	ISO 1183-1	944	kg/m <sup>3</sup>
<b>Rheological</b>				
Melt Flow Rate	190°C/5kg	ISO 1133-1	0.35	g/10min
Apparent dynamic viscosity <sup>2</sup>	190°C and 100 s <sup>-1</sup>	INEOS Test Method	2300	Pa.s
<b>Mechanical*</b>				
Tensile strength at break <sup>3</sup>	23°C, 50 mm/min	ISO 527-2	24	MPa
Tensile strain at Break	23°C, 50 mm/min	ISO 527-2	>500	%
Tensile Modulus <sup>4</sup>	23°C, 1 mm/min	ISO 527-2	1120	MPa
<b>Thermal</b>				
Melting Temperature	DSC 2nd heating 10°C/min	ISO 11357-3	130	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	63	°C
Vicat Softening Temperature	10N	ISO306/A50	123	°C
<b>Other</b>				
Molecular weight distribution		INEOS	wide	-

**Data should not be used for specification work**

<sup>1</sup> Compression-moulded discs, cooled at the rate of 15°C per minute.

<sup>2</sup> Apparent dynamic viscosity of the material extruded at 190°C through a 2.0 mm diameter and 30 mm long die, at apparent shear rate 100 s<sup>-1</sup>.

<sup>3</sup> Measured on compression-moulded plates of 2.0 mm thickness.

<sup>4</sup> Measured on compression-moulded plates: Testing rate :1 mm/min, thickness : 4 mm.

## Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.