

Gryfilen[®]

POLYPROPYLENE

T004-NHS

HIGH IMPACT COPOLYMER

DESCRIPTION

Gryfilen[®] T004-NHS is nucleated high impact resistance thermoplastic polyolefin dedicated for the extrusion processes.

Gryfilen[®] T004-NHS is characterized by an excellent impact/stiffness balance, good burst pressure resistance, good thermal resistance and exceptional impact properties at low temperatures.

Gryfilen[®] T004-NHS is recommended for the solid and structured wall pipes for underground drainage and sewage systems.

APPLICATION

Non-Pressure Underground and Sewage Pipe.

This grade is not intended for medical and pharmaceutical applications.

PROCESSING TECHNOLOGY

Pipe; Sheet.

	Value	Unit	Method
PHYSICAL PROPERTIES			
Melt Flow Rate, (230°C/2.16 kg)	0.4	g/10 min	ISO 1133-1
Density, (23°C)	0.9	g/cm ³	ISO 1183-1
MECHANICAL PROPERTIES			
Flexural Modulus	1500	MPa	ISO 178
Tensile Strength at Yield	31	MPa	ISO 527-1, -2
Tensile Elongation at Yield	7	%	ISO 527-1, -2
Charpy Impact Strength, (notched; 23 °C)	70	kJ/m ²	ISO 179
THERMAL PROPERTIES			
Heat Deflection Temperature B, (0.45 MPa, unannealed)	100	°C	ISO 75-1/75-2

NOTES

The values have to be considered as to be indicative and do not represent specification values. The use in the indicated applications and processing technologies have to be verified by the converter (fit for purpose).

DISCLAIMER

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The user of the product shall read the relevant Material Safety Data Sheet before using the product.

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