

# MOSTEN TL 003

Polypropylene Homopolymer

UNIPETROL RPA

## Message:

Polypropylene Mosten TL 003 is a UV-stabilized homopolymer, intended for production of monoaxially orientated tapes, twines and ropes for final applications requiring resistance to UV radiation.

General Information			
Additive	UV Stabilizer		
Features	Food Contact Acceptable		
	Good UV Resistance		
	Homopolymer		
Uses	Rope		
	Tape		
	Twine		
Agency Ratings	EC 1935/2004		
	EU No 10/2011		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	57.0	°C	ISO 75-2/A
Vicat Softening Temperature	158	°C	ISO 306

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