

**TOGNAZZONI S.N.C. DI ANDREA E ALESSANDRO TOGNAZZONI**

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## **PRODUCT DATA SHEET**

TRANSPARENT POLYETHYLENE DISPOSABLE TROUSERS

FOLDED ONE BY ONE

Article code

Description

**451**

DISPOSABLE TROUSERS MADE OF TRANSPARENT  
POLYETHYLENE - THICKNESS about 30 MY – FOLDED ONE BY ONE

Packaging: 20 PIECES BAG

Country of origin: ITALY

Non-certified product

Product composition: LOW DENSITY POLYETHYLENE

Performed tests and checks: QUALITY CONTROL



## TECHNICAL DATA SHEET

FILM USED FOR THE PRODUCTION OF DISPOSABLE TROUSERS MADE OF TRANSPARENT  
POLYETHYLENE – FOLDED ONE BY ONE  
THICKNESS ABOUT 30 MY - Packaging: N. 20 PIECES  
(Art. code 451)

1)	CHEMICAL NATURE OF THE PRODUCT	Substance Polyethylene, chemical formula (C <sub>2</sub> H <sub>4</sub> ) <sub>n</sub> Additives: Slip Agent (high) Antiblocking (high)
2)	PHYSICAL PROPERTIES • PHYSICAL STATUS.....  • CHARACTERISTIC TEMPERATURES.....  • SOLUBILITY .....  • DENSITY .....	At 20° C: plastic film Colour: translucent  Melting point: 113° C. From the start of decomposition: approx. 300° C.  In water at 20° C: not soluble  From 0.92 to 0.95 g/cm <sup>3</sup>
3)	TOXICOLOGICAL INFORMATION	These polymers can be considered as: - non-irritating to skin and eyes - not harmful if ingested Thermal decomposition products may be irritating to skin and mucous membranes.
4)	FIRST AID MEASURES	- In case of contact with hot products: treat as a thermal burn without chemical action (wash immediately and thoroughly with cold water). - Inhalation of thermal decomposition products: go to fresh air, consult a doctor.
5)	ENVIRONMENTAL PROTECTION	Do not dispose of into drains or into the natural environment. Comply with current prefectural regulations and decrees.
6)	SPECIAL INDICATIONS	This document applies to the product IN ACCORDANCE with the specifications provided by the TOGNAZZONI S.N.C. suppliers. The information contained in this technical data sheet is given in good faith and based on our latest knowledge of the product at the date of issue. The user's attention is drawn to the possible risks involved when a product is used for purposes other than those for which it is intended. This sheet must not be used or reproduced except for the purposes of prevention and safety.

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	<b>PROPERTIES</b>	<b>PE Film</b>
	Melt Flow Index 190° C.....	2,0
	Density.....	0,924
<b>THERMAL PROPERTIES</b>	Melting point.....	113
	Embrittlement temperature.....	-75
	Softening temperature (Vicat 1 kg).....	96
<b>MECHANICAL PROPERTIES</b>	Yield strength.....	12
		12
	Breaking load.....	22
	Elongation at break.....	17
		250
	Secant modulus 1%.....	580
		200
	Bending modulus.....	230
	Tear resistance (Eimendorf).....	
		70
	Izod Impact.....	50
	Impact resistance (Dart Drop Test).....	
	Dynamic Coefficient of Friction (COF).....	100
	Hardness (Shore D).....	0,11
	Surfactants resistance (ESCR).....	46
<b>OPTICAL PROPERTIES</b>	Clarity.....	18
	Haza.....	7,5
	Gloss 45°.....	65
	Suggested thickness range.....	26   80
<b>ADDITIVES</b>	Slip Agent.....	High
	Antiblocking.....	High
	Others.....	
	Key features: good optical characteristics and drawdown	

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