



TOGNAZZONI S.R.L.

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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 ₂ H ₄) _n Additives: Slip Agent (high) Antiblocking (high)
2)	<p>PHYSICAL PROPERTIES</p> <ul style="list-style-type: none"> • PHYSICAL STATUS..... • CHARACTERISTIC TEMPERATURES..... • SOLUBILITY • DENSITY 	<p>At 20° C: plastic film Colour: translucent</p> <p>Melting point: 113° C. From the start of decomposition: approx. 300° C.</p> <p>In water at 20° C: not soluble</p> <p>From 0.92 to 0.95 g/cm³</p>
3)	TOXICOLOGICAL INFORMATION	<p>These polymers can be considered as:</p> <ul style="list-style-type: none"> - non-irritating to skin and eyes - not harmful if ingested <p>Thermal decomposition products may be irritating to skin and mucous membranes.</p>
4)	FIRST AID MEASURES	<ul style="list-style-type: none"> - 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	<p>Do not dispose of into drains or into the natural environment. Comply with current prefectural regulations and decrees.</p>
6)	SPECIAL INDICATIONS	<p>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.</p>

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

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