FOLPLAST®

version 1

09.01.2024

DATA SHEET

HIGH-TRANSPARENCY SHRINK FLAT FLIM

1. PRODUCT PROPERTIES [1]

Parameter	Value	Deviation	Unit	Methodology
Thickness	≤ 35 > 35	2σ ± 8% 2σ ± 5%	µ	PN-ISO 4593
Width	60 - 2800	± 5	mm	PN-ISO 4592
Density	924	± 5%	kg/m³	PN-EN ISO 1183-2
Transmittance	93	± 4	%	ASTM D1003
Haze	8	± 4	%	ASTM D1003
Clarity	94	± 4	%	ASTM D1003
Corona treatment level[2]	min. 38	—	mN/m	ISO 8296

[1] Film made of PE
[2] Constant level of corona treatment valid for three months

2. MECHANICAL PROPERTIES

Parameter	Value	Deviation	Unit	Methodology
Tensile at break: - lengthwise - crosswise	 min. 20 min. 20	—	MPa	PN-EN ISO 527-3
Tensile at yield point: - lengthwise - crosswise	 min. 10 min. 10	—	MPa	PN-EN ISO 527-3
Elongation at break: - lengthwise - crosswise	 Depends on film thickness[5]	—	%	PN-EN ISO 527-3
Coefficient of friction[3]: • static • dynamic	 Not tested[5]	—	—	PN-EN ISO 8295
Dart-drop	Not tested[5]	—	g	PN-EN ISO 7765
Thermal shrinkage: - lengthwise - crosswise	 50 - 80 15 - 45	—	%	ASTM D2732
Charge decay time[4]	≤ 10	—	s	BS 7506

[3] Suited towards customer's needs
[4] Guaranteed time of charge decay within antistatic additive
[5] Tests are performed based on client's individual request

3. PACKAGING

Film on a paper core or on PVC core with diameter of 76 or 152 and placed on a pallet. Every roll is strictly labeled enabling production lot identification.

4. APPLICATION

Shrink film of general use.

5. STORAGE

Film should be protected against atmospheric factors and be stored not longer than 24 months.