



Technical Specification MO 51-2

Characteristic		Basic value	Tolerance
1	Raw Material	A-PET 50%virgin + 50%scraps	
2	Thickness (µm)	According to the order	<ul style="list-style-type: none"> Thickness<120 ±10% 120<Thickness<200 ±8% Thickness>201 ±5%
3	Width (mm)	According to the order	+/- 1 mm
4	Length (mm)	According to the order	± 1mm (if sheets)
5	Rolls weight [Kg]	Maximun 800kg	
6	Quantity	According to the order	+/-10%
7	Core diameter (mm)	<ul style="list-style-type: none"> Diameter 76 / 152 	
8	Winding	<ul style="list-style-type: none"> Straight Edge Eventual external finishing No humps (oscillator only for low thicknesses and for special materials emphatized in the order) 	<ul style="list-style-type: none"> ±1 mm for FFS machines ±0.5 cm for other uses
9	Superficial appearance (Brightness/opacity, humidity/fish eyes, black spots, flow lines/, drying, coating)	<p>According to the standard sample</p> <ul style="list-style-type: none"> In case of control by camera 	<ul style="list-style-type: none"> Max fish eyes and equivalent: < of 0.2 mm²→40/m² from 0.2 a 0.5 mm²→8/m² > of 0.5 mm²→2/m² Max black spots and equivalent: maximum of 0.6 mm²→4/m² maximum of 1 mm²→2/m² if embossed-roughness from 4 to 9 micron Rz <p>see trial specifications "Black spots transparent film"</p>
10	Viscosity (IV) (dl/g)	IV _{min} = 0.7	+/- 0,1
11	C.O.F. max	0.23	
12	Superficial resistivity (when requested) Ω/m	2 E10	+/- E2
13	Thermoforming	Typical of PET	
14	Opacity / Transparence	According to the standard sample	
15	Colour	According to the standard sample	<p>For transparent film (referred to the adjustment ceramic plate): For thicknesses up to 300 my Δa = 0±0.3 Δb = 1,±0,8 from 301 to 600 my Δa = 0±0.4 Δb = 1.7±0,8 Over 600 my Δa = 0±0.6 Δb = 2±0,8</p> <ul style="list-style-type: none"> For opaque films: ΔE = 2
16	Shrinkage	Method ASTM D-1204-54	<ul style="list-style-type: none"> For thicknesses up to 250my -15% longitudinal +1 ÷ -2% trasversal For higher thicknesses -7% longitudinal +1 ÷ -3% trasversal
17	Packing	<ul style="list-style-type: none"> Vertical core Roll label inside the core and another one outside the core Pallet external label (wrapped up with extensible PE) Pallet label with macrotypes Pallet wrapping up with extensible PE For sheets, applied edges protection For sheets, strapping non extremely tight Material non sticking out of the pallet 	

NB: Any indications included in the notes of the order, are considered as effective and prevalent on the parameters of the Quality Manual.

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