

THE HARD ONE Product-no. B100

1. GENERAL PROPERTIES AND DIMENSIONS

PHYSICAL PROPERTIES	UNIT	VALUE					STANDARD
Specific weight	g/cm ³	1,05	± 1 %				
Tensile strength	MPa	≥ 35					ISO 527
Elongation	%	≥ 115					ISO 527
Surface resistivity	Ohm	≥ 10 ¹¹					ASTM D257
Colour / surface	natural, any other colour available (1 side glossy / 1 side matt)						
THICKNESS SPECIFICATION	UNIT	VALUE					
Thickness range	mm	0,15 to 2,5					
Thickness tolerance	%	max ± 5					
SPECIFICATION JUMBO ROLLS	UNIT	VALUE					
Standard width	mm	660					
Width tolerance	mm	± 2					
SPECIFICATION SLIT ROLLS	UNIT	VALUE					
Standard width (slitted)	mm	8	10,3	12	14,3	16	
(special widths on request)		16,2	18,1	19	24,2	27	
		32	32,2	35	43	44	
		44,2	52	56	56,2	72	
		72,2	88	104	104,6	120	
Width tolerance	mm	± 0,1					
LENGTH SPECIFICATION	UNIT	VALUE					
Minimum length	m	500					
Length tolerance	m	± 5					
STORAGE CONDITIONS	UNIT	VALUE					
Temperature	°C	10 to 45					
Humidity	% RH	max. 70					
Shelf life	Months	12 after production date under below mentioned storage conditions					

Please avoid direct sunlight or UV-light during storage.
The foil B100 shall only be stored in the original packaging.

ABS can absorb moisture.
This can lead to blistering during the deep-drawing process – therefore we recommend the material to be generally pre-dried before usage. The material should be pre-dried for at least 4 hours with 60°C.