



# Nylatron®

Polyamide [PA 6] [PA 6 + MOS<sub>2</sub>]

Nylatron® MC 901

Nylatron® GSM

ROUND RODS					
Diameters [mm]	Tolerances <sup>[1]</sup> on the diameters [mm]	Nylatron® MC 901		Nylatron® GSM	
		Standard length per piece: [3000 mm <sup>[2]</sup> ]			
		[kg/pce <sup>[3]</sup> ]		[kg/pce <sup>[3]</sup> ]	
50	+0,5 +1,5	7,19	■	7,21	■
56		8,97	□	9,01	■
60		10,33	■	10,37	■
65	+0,5 +1,8	12,10	□	12,14	■
70		14,00	□	14,04	■
75		16,15	□	16,24	■
80	+0,7 +2,3	18,35	□	18,43	■
85		20,85	□	20,93	■
90	+1,0 +2,7	23,30	□	23,40	□
100		28,71	□	28,84	■
110	+1,0 +3,3	34,80	□	34,89	■
120		41,40	□	41,55	■
125	+1,1 +3,8	44,85	□	45,00	□
130		48,60	□	48,82	■
135	+1,2 +4,1	52,34	□	52,57	□
140		56,25	□	56,45	□
150	+1,3 +4,5	64,65	□	64,86	■
Other standard length: [1000 mm <sup>[2]</sup> ]					
		Standard length per piece: [1000 mm <sup>[2]</sup> ]			
[mm]	[mm]	[kg/pce <sup>[3]</sup> ]		[kg/pce <sup>[3]</sup> ]	
160	+2,0 +7,0	24,90	□	25,00	■
170		28,05	□	28,15	□
180		31,35	■	31,50	■
190		34,85	□	35,00	□
200		38,50	□	38,65	■
210		42,95	□	43,15	□
220		47,05	□	47,25	□
225		49,15	□	49,35	□
230		51,30	□	51,50	□
240		55,70	□	55,95	□
250	+3,0 +9,0	60,35	□	60,60	■
260		65,15	□	65,45	□
270		70,15	□	70,45	□
275		72,70	□	73,00	□
280		75,30	□	75,65	□
290	80,65	□	81,00	□	
300	86,20	□	86,60	□	
325	+4,0 +11,0	101,80	■	102,20	■
350		117,70	□	118,20	□
375		134,70	□	135,30	□
400		152,90	□	153,60	□
425	+5,0 +13,0	173,40	□	174,20	□
450		194,00	□	194,80	□
475		215,70	□	216,60	□
500		238,50	■	239,60	□
Other standard length: [500 mm <sup>[2]</sup> ]					

<sup>[1]</sup>: tolerances according to DIN EN 15860<sup>[2]</sup>: tolerances on the length -0/+3 %<sup>[3]</sup>: average production weight■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

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Polyamide [PA 6] [PA 6 + MOS<sub>2</sub>]

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PLATES									
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Nylatron® MC 901							
		Standard sizes per piece:							
		[610 x 1220 mm] [kg/pce <sup>[1]</sup> ]		[1220 x 2000 mm] [kg/pce <sup>[1]</sup> ]		[1220 x 2440 mm] [kg/pce <sup>[1]</sup> ]		[1220 x 3050 mm] [kg/pce <sup>[1]</sup> ]	
10	+0,5 +2,5	10,05	□	33,15	□	40,45	□	50,55	□
12		11,80	□	38,90	□	47,57	□	59,30	□
16		15,35	□	50,40	□	61,50	□	76,85	□
20		18,85	□	61,95	■	75,60	□	94,45	□
25		23,20	□	76,35	□	93,15	□	116,40	□
30	+0,5 +3,0	27,90	□	91,85	■	112,10	□	140,10	□
35		32,30	□	106,30	□	129,70	□	162,10	□
40		36,70	□	120,70	■	147,30	□	184,10	□
45		41,05	□	135,10	□	164,80	□	206,00	□
50		45,45	□	149,50	□	182,40	□	228,00	□
55	+0,5 +3,5	50,35	□	165,70	□	202,52	□	252,70	□
60		54,75	□	180,10	□	220,13	□	274,70	□
65		59,10	□	194,50	□	219,70	□	296,47	□
70		63,50	□	208,90	□	237,30	□	318,60	□
75		67,90	□	223,30	□	254,90	□	-	-
80	+0,5 +4,5	72,25	□	237,70	□	272,40	□	362,50	□
90		81,00	□	266,50	□	290,00	□	406,40	□
100		89,75	□	295,30	□	325,10	□	450,30	□

PLATES									
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Nylatron® GSM							
		Standard sizes per piece:							
		[610 x 1220 mm] [kg/pce <sup>[1]</sup> ]		[1220 x 2000 mm] [kg/pce <sup>[1]</sup> ]		[1220 x 2440 mm] [kg/pce <sup>[1]</sup> ]		[1220 x 3050 mm] [kg/pce <sup>[1]</sup> ]	
10	+0,5 +2,5	10,10	□	<b>33,30</b>	■	40,65	□	50,80	□
12		11,85	□	<b>39,05</b>	■	47,65	□	59,55	□
16		15,40	□	<b>50,65</b>	■	61,80	□	77,25	□
20		18,90	□	<b>62,20</b>	■	75,90	□	94,85	□
25		23,30	□	<b>76,70</b>	■	93,55	□	117,00	□
30	+0,5 +3,0	<b>28,05</b>	■	<b>92,25</b>	■	112,50	□	<b>140,70</b>	■
35		32,45	□	106,70	■	130,20	□	162,70	□
40		36,85	□	121,20	■	147,90	□	184,80	□
45		41,25	□	135,60	□	165,40	□	206,80	□
50		45,65	□	150,10	■	183,10	□	228,90	□
55	+0,5 +3,5	50,60	□	166,40	□	203,00	□	253,80	□
60		55,00	□	<b>180,90</b>	■	220,70	□	275,90	□
65		59,35	□	195,30	□	238,30	□	297,75	-
70		63,75	□	209,80	□	256,00	□	319,90	□
75		68,50	□	224,30	□	273,60	□	-	-
80	+0,5 +4,5	72,55	□	<b>238,70</b>	■	291,20	□	364,00	□
90		81,35	□	267,70	□	326,60	□	408,20	□
100		90,15	□	296,60	□	361,90	□	452,30	□

Tolerances on widths and lengths [mm]:

610 [0/+10] x 1220 [+10/+20] mm 1220 [+10/+20] x 2440 [+20/+40] mm 1220 [+10/+20] x 2000 [+10/+30] mm

1220 [+10/+20] x 3050 [+20/+40] mm

<sup>[1]</sup>: average production weights■ : **standard** item [generally available from stock; bulk quantities to be manufactured to order]■ : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]□ : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]