

TIVAR® [UHMW-PE]



ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE [UHMW-PE]

TIVAR® 1000 natural
 TIVAR® 1000 black
 TIVAR® 1000 green

ROUND RODS EXTRUDED						
Diameters [mm]	Tolerances on the diameters [mm]	Weight		TIVAR® 1000 natural	TIVAR® 1000 black	TIVAR® 1000 green
		[kg/1000 mm ^[1]]	[kg/2000 mm ^[1]]	Standard length per piece: [2000 mm ^[2]]		
12,7	+0,2 +0,7	0,13	0,25	■	□	■
20	+0,2 +1,0	0,32	0,63	■	■	■
25	+0,2 +1,1	0,50	1,00	■	■	■
30	+0,2 +1,2	0,70	1,40	■	■	■
35	+0,2 +1,3	1,00	1,90	■	■	■
40	+0,2 +1,5	1,30	2,50	■	■	■
45	+0,3 +1,7	1,60	3,20	□	□	□
50	+0,3 +2,0	2,00	3,90	■	■	■
55		2,40	4,80	□	□	□
60	+0,3 +2,3	2,90	5,70	■	■	■
70	+0,3 +2,5	4,00	7,70	■	■	■
80	+0,4 +3,0	5,20	10,10	■	■	■
90	+0,5 +3,4	6,60	12,70	■	■	■
100	+0,6 +3,8	8,10	15,70	■	■	■
110	+0,7 +4,2	9,80	19,00	■	■	■
120	+0,8 +4,6	11,70	22,70	■	■	■
125		12,70	24,60	□	□	□
130	+0,9 +5,4	13,70	26,60	■	■	■
140		15,90	30,80	■	■	■
150	+1,0 +5,8	18,20	35,40	■	■	■
160	+1,1 +6,3	20,70	40,30	■	■	■
170	–	–	–	O.R.	O.R.	O.R.
180	+1,2 +7,4	26,20	51,00	■	■	■
190	–	–	–	O.R.	O.R.	O.R.
200	+1,3 +8,5	32,40	63,00	■	■	■
250	–	50,62	100,00	O.R.	O.R.	O.R.

^[1]: average production weight^[2]: tolerances on the length -0/+60 mm■ : **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]

O.R.: available on request: please check for lead-time and minimum quantity

TIVAR® [UHMW-PE]



ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE [UHMW-PE]

TIVAR® 1000 natural

TIVAR® 1000 green

ROUND RODS PRESSED AND TURNED									
Diameters [mm]	Tolerances on the diameters [mm]	TIVAR® 1000 natural				TIVAR® 1000 green			
		Standard length per piece: [1000 mm/2000 mm ^[1]]							
		[kg/1000 mm ^[2]]		[kg/2000 mm ^[2]]		[kg/1000 mm ^[2]]		[kg/2000 mm ^[2]]	
20	-0,0 +1,0	0,31	□	0,62	■	0,31	□	0,62	□
25		0,48	□	0,96	□	0,48	□	0,96	□
30		0,68	□	1,37	■	0,69	□	1,37	□
35		0,93	□	1,85	□	0,93	□	1,85	□
40		1,21	□	2,41	■	1,21	□	2,41	□
45		1,52	□	3,05	□	1,53	□	3,05	□
50		1,88	□	3,75	■	1,88	□	3,75	□
55		2,27	□	4,54	□	2,27	□	4,54	□
60		2,69	□	5,38	■	2,70	□	5,38	□
70		3,66	□	7,32	□	3,66	□	7,32	□
80		4,77	■	9,54	□	4,77	□	9,54	□
90		6,03	□	12,06	□	6,03	□	12,06	□
100		7,44	■	14,87	□	7,44	□	14,87	□
110		8,99	□	–	–	8,99	□	–	–
120		10,69	■	–	–	10,69	□	–	–
125		11,60	□	–	–	11,60	□	–	–
130		12,54	□	–	–	12,54	□	–	–
140		14,53	□	–	–	14,53	□	–	–
150		16,68	■	–	–	16,67	□	–	–
160	18,96	□	–	–	18,96	□	–	–	
170	21,40	□	–	–	21,40	□	–	–	
180	23,99	□	–	–	23,99	□	–	–	
190	26,72	□	–	–	26,72	□	–	–	
200	29,59	□	–	–	29,59	□	–	–	
210	32,62	□	–	–	32,62	□	–	–	
220	35,79	□	–	–	35,79	□	–	–	
230	39,11	□	–	–	39,11	□	–	–	
240	42,58	□	–	–	42,58	□	–	–	

^[1]: tolerances on the length -0/+60 mm^[2]: 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]