Toollist Moulded PEEK / PCTFE / PFA / UHMWPE

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L max	OD	ID/0	22	27	36	45	50	58	68	80	90	100	112	125	137	150	157	165
150	27	57																
150	32	80																
150	37	108																
150	42	139	101															
150	47	173	135															
150	52	212	174	155														
150	57	255	217	198	153													
150	62	302	264	245	200	143												
150	67	353	315	295	251	194												
150	72	407	369	350	305	248	211											
150	77	466	428	408	364	307	269											
150	82			471	426	369	332	264										
150	90	•			534	477	440	372	273									
150	100				684	626	589	521	422	283								
150	108	•					720	651	552	413								
150	115	•					842	774	676	536	403							
150	125						1.031	963	864	725	591	442						
150	130						1.131	1.063	964	825	691	542						
150	135	•			1.330	1.272	1.235	1.167	1.068	929	795	646	446					
150	148	•								1.218	1.084	935	735	493				
150	160										1.374	1.225	1.025	783	537			
150	170										1.634	1.484	1.285	1.043	796			
150	176										1.797	1.647	1.448	1.206	959	666	497	
150	182													1.374	1.127	834	666	
150	190	•												1.608	1.361	1.068	899	697
150	200											2.356		1.914	1.667	1.374	1.206	1.003

Weights in gr / 100mm with a density of 1gr/cm³

The right material specs have to be calculated for each compound:
- Weight/100mm: "Value from chart" x "Density of the compound"

- Dimensions: (1 - "Schrinkage") x "Diameter (inside or outside)"

Type		SN4000	BG4330	BG4130	MG4130
Density	gr/cm³	1,32	1,47	1,44	1,51
Schrinkage	mm/mm	0,02	0,015	0,012	0,016

L max	OD	ID/0	100	137	150	157	165	180	188	200	210	225	236	250	268	282	296	322	348	372	396	440	465	490	498	518	556	572	602	630	699	742	850
150	212			2.056	1.763	1.594	1.392	985	754																								
150	220	•	3.016	2.327	2.034	1.865	1.663	1.257	1.025																								
150	236	•		2.900	2.607	2.438	2.236	1.830	1.598	1.233	911																						
150	250			3.435	3.142	2.973	2.770	2.364	2.133	1.767	1.445																						
150	260			3.835	3.542	3.373	3.171	2.765	2.533	2.168	1.846	1.333																					
150	270							3.181	2.950	2.584	2.262	1.749	1.351																				
150	274										2.433	1.920	1.522																				
150	286					4.488					2.961	2.448	2.050	1.516																			
150	300										3.605	3.093	2.694	2.160	1.428																		
120	312											3.669	3.271	2.737	2.004																		
120	334											4.786	4.387	3.853	3.121	2.516	1.880																
120	364	•													4.765	4.160	3.525	2.263															
120	388														6.183			3.680	2.312														
75	418																	5.579	4.211	2.854													
75	438																	6.924	5.556	4.199	2.751												
75	465																				4.666												
75	491																	10.791	9.423	8.066	6.618	3.729											
75	525																					6.442	4.665	2.790									
75	560																								5.152	3.556							
75	600																									7.200	3.995	2.577					
75	644																									11.499	8.294	6.876	4.110				
75	693																									16.645	13.439	12.022	9.256	6.546			
75	710																												11.129	8.419			
75	760																														6.990		
75	810																														13.155	8.289	
75	900																																6.872