

Specific gravity

Material	s.m. kg/dm ³	Filler	Name	Trademark
PTFE virgin	2,14-2,20		Teflon®, Fluon, polytetrafluoroethylene	Teflon®
PTFE + 25% glass	2,23	Glass		
PTFE + 25% carbon	2,09	Carbon		
PTFE + 60% bronze	3,78	Bronze		
PTFE + 25% graphite	2,16	Graphite		
PFA	2,17		perfluoroalkoxy	
FEP	2,17		fluorinated ethylene propylene	
PVDF	1,78		polyvinylidene fluoride	Kynar
PCTFE	2,16		polychlorotrifluoroethylene	
PEEK	1,31		Polyetheretherketone	
ETFE	1,7		ethylene tetrafluoroethylene	Tefzel
ECTFE	1,7		ethylene chlorotrifluoroethylene	Halar
PA6 or PA6.6	1,15		Polyamide	Nylon
POM-C	1,41		Polyacetal	Delrin
PETP	1,36		Polyester	
PVC	1,4		Polyvinylchloride	
PE300 (HDPE)	0,96		Polyethylene	
PE500 (HDPE)	0,96		High molecular Polyethylene	Werkstoff "S"
PE1000 (UHMWE)	0,96		Ultra high molecular Polyethylene	
PP	0,91		Polypropylene	
PI	1,38		Polyimide	Vespel
PPS	1,36			
PES	1,51		Polyethersulfon	
PC	1,19		Polycarbonate	Lexan
PMMA	1,2		Acrylic	Perspex
Aluminum	2,27			
Steel	7,5			
Stainless steel	7,9			
Bronze	8,7			

Actual properties may change due to processing method, compound type, extruded dimensions and other variables. It is the user's responsibility to evaluate and fully test the suitability of the product for their specific application.