

## PTFE Caricati Standard - PTFE Standard Compounds

		Density (g/cm <sup>3</sup> )	Tensile Strength (MPa)	Elongation (%)	Hardness (Shore D)	Volume Resistivity (Ω • cm)
PTFE+10% Carbone <i>PTFE+10% Carbon</i>	10 CAR 10 CAR	2,140 - 2,170	≥ 20	≥ 200	≥ 62	10 <sup>7</sup>
PTFE+15% Carbone <i>PTFE+15% Carbon</i>	15 CAR 15 CAR	2,100 - 2,160	≥ 14	≥ 150	≥ 62	10 <sup>7</sup>
PTFE+25% Carbone <i>PTFE+25% Carbon</i>	25 CAR 25 CAR	2,050 - 2,120	≥ 13	≥ 60	≥ 62	10 <sup>4</sup>
PTFE+25% Carb.Soft <i>PTFE+25% Soft Carb.</i>	25 CAR-B 25 CAR-B	2,090 - 2,140	≥ 17	≥ 150	≥ 60	10 <sup>4</sup>
PTFE+35% Carbone <i>PTFE+35% Carbon</i>	35 CAR 35 CAR	2,030 - 2,090	≥ 15	≥ 40	≥ 63	10 <sup>4</sup>
PTFE+15% Vetro <i>PTFE+15% Glass</i>	15 GL 15 GL	2,200 - 2,240	≥ 18	≥ 200	≥ 58	10 <sup>15</sup>
PTFE+15% Vetro +5% MoS2 <i>PTFE+15% Glass +5% MoS2</i>	15 GL+5 MoS 15 GL+5 MoS	2,260 - 2,300	≥ 18	≥ 200	≥ 58	-
PTFE+15% Vetro +5% Grafite <i>PTFE+15% Glass +5% Grafite</i>	15 GL+5 GR 15 GL+5 GR	2,140 - 2,170	>22	≥ 250	≥ 60	10 <sup>4</sup>
PTFE+25% Vetro <i>PTFE+25% Glass</i>	25 GL 25 GL	2,230 - 2,260	≥ 13	≥ 180	≥ 60	10 <sup>15</sup>
PTFE+40% Vetro <i>PTFE+40% Glass</i>	40 GL 40 GL	2,250 - 2,290	≥ 10	≥ 100	≥ 63	10 <sup>15</sup>
PTFE+15% Grafite <i>PTFE+15% Graphite</i>	15 GR 15 GR	2,140 - 2,190	≥ 18	≥ 200	≥ 55	10 <sup>9</sup>
PTFE+20% Grafite <i>PTFE+20% Graphite</i>	20 GR 20 GR	2,120 - 2,180	≥ 14	≥ 140	≥ 55	10 <sup>5</sup>
PTFE+3% MoS2 <i>PTFE+3% MoS2</i>	3 MoS 3 MoS	2,170 - 2,240	≥ 25	≥ 250	≥ 55	-
PTFE+40% Bronzo <i>PTFE+40% Bronze</i>	40 BZ 40 BZ	3,090 - 3,140	≥ 20	≥ 200	≥ 65	10 <sup>7</sup>
PTFE+60% Bronzo <i>PTFE+60% Bronze</i>	60 BZ 60 BZ	3,900 - 3,980	≥ 17	≥ 150	≥ 65	10 <sup>7</sup>

typical properties

## PTFE Caricati Speciali - PTFE Special Compounds

		Density (g/cm <sup>3</sup> )	Tensile Strength (MPa)	Elongation (%)	Hardness (Shore D)	Volume Resistivity (Ω • cm)
PTFE+20% CaF <sub>2</sub> Brown <i>PTFE+20% CaF<sub>2</sub> Brown</i>	20 CAF <i>20 CAF</i>	2,270 - 2,370	≥ 15	≥ 150	≥ 60	-
PTFE+40% Bronzo verde <i>PTFE+40% Green Bronze</i>	40 BZ GRN <i>40 BZ GRN</i>	3,100 ± 0,050	≥ 15	≥ 180	≥ 65	-
PTFE+15% Ceramica <i>PTFE+15% Ceramic</i>	15 BIK <i>15 BIK</i>	2,240 - 2,270	≥ 18	≥ 150	≥ 62	10 <sup>15</sup>
PTFE+35% Carbogرافite <i>PTFE+35% Carbo-graphite</i>	35 CAR B-E <i>35 CAR B-E</i>	2,030 - 2,090	≥ 13	≥ 50	≥ 63	10 <sup>4</sup>
PTFE+10% Grafite+PPS <i>PTFE+10% Graphite+PPS</i>	10 GR PPS <i>10 GR PPS</i>	1,980 ± 0,050	≥ 22	≥ 250	≥ 55	-
PTFE+20% Peek <i>PTFE+20% Peek</i>	20 Peek <i>20 Peek</i>	1,890 - 1,910	≥ 13	≥ 35	≥ 67	-
PTFE+28% Vetro blu <i>PTFE+28% BlueGlass</i>	28 Bluglass <i>28 Bluglass</i>	2,220 - 2,260	≥ 13	≥ 180	≥ 60	-
PTFE+50% Inox <i>PTFE+50% Inox</i>	50 Inox <i>50 Inox</i>	3,360 - 3,410	≥ 15	> 150	≥ 65	-
PTFE+1,2% CSC <i>PTFE+1,2% CSC</i>	1,2 CSC <i>1,2 CSC</i>	2,140 - 2,170	≥ 22	≥ 250	≥ 60	10 <sup>4</sup>
PTFE+15% Quarzo <i>PTFE+15% Quartz</i>	15 Quartz <i>15 Quartz</i>	2,200 - 2,240	≥ 18	≥ 240	≥ 60	-
Marlon FR <i>Marlon FR</i>		2,230 - 2,270	≥ 13	≥ 180	≥ 60	10 <sup>15</sup>
Marlon E <i>Marlon E</i>		2,260 - 2,300	≥ 18	≥ 220	≥ 58	10 <sup>14</sup>
Marlon K <i>Marlon K</i>		1,850 - 1,900	≥ 18	≥ 200	≥ 55	10 <sup>18</sup>

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