

## Technical Data Sheet

# Polystone<sup>®</sup> M Titanium - ASTM

### Typical characteristics

- Good sliding properties
- Low moisture absorption
- Good wear resistance

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	ASTM D792	g / cm <sup>3</sup>	0.93
Carbon Black Content	ISO6964	%	n/a
<b>Mechanical properties</b>			
Wear resistance	Sand-slurry		100
Tensile Strength at Yield	ASTM D638	psi	3100
Hardness	ASTM D2240	Shore D	62-66
Tensile Elongation	ASTM D638	%	>400
Coefficient of Friction, Dynamic			0.10-0.22
Coefficient of Friction, Static			0.15-0.20
<b>Thermal properties</b>			
Vicat Softening Point	ISO306	°F	176
Flammability, UL94		1/8 inch	HB
Coefficient of Linear Thermal Expansion	ASTM D696	in/in/°F x10 <sup>-4</sup>	1.6
<b>Electrical properties</b>			
Volume Resistivity	ASTM D257	Ωcm	>10 <sup>16</sup>
Surface resistivity	ASTM D257	Ω/cm	>10 <sup>12</sup>

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