

# Avalon 44

Polytetrafluoroethylene  
Greene, Tweed & Co.

Message:

Avalon 44 is a Polytetrafluoroethylene (PTFE) product filled with mineral. It is available in North America. Primary characteristic: lubricated.

General Information			
Filler / Reinforcement	Mineral		
Additive	Molybdenum Disulfide Lubricant		
Features	Lubricated		
Appearance	Black		
	Dark Grey		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.24	g/cm <sup>3</sup>	ASTM D1457
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	27.6	MPa	ASTM D1457
Tensile Elongation (Break)	300	%	ASTM D1457
Coefficient of Friction			
vs. Itself - Dynamic <sup>1</sup>	0.23		
vs. Itself - Static <sup>2</sup>	0.20		
Deformation Under Load (26°C, 14 MPa)	4.00	%	ASTM D621
Wear Factor	4.0	10 <sup>-8</sup> mm <sup>3</sup> /N·m	ASTM D3702
NOTE			
1.	33.3 psi, 150 fpm		
2.	33.3 psi		

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