

Avalon 16

Polytetrafluoroethylene
Greene, Tweed & Co.

Message:

Avalon 16 is a Polytetrafluoroethylene (PTFE) product filled with glass fiber. It is available in North America. Primary characteristic: lubricated.

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Molybdenum Disulfide Lubricant		
Appearance	Black		
	Dark Grey		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	62		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D1457
Tensile Elongation (Yield)	250	%	ASTM D1457
Compressive Strength (25% Strain)	26.2	MPa	ASTM D695
Shear Strength			ASTM D732
27°C	20.0	MPa	
38°C	19.3	MPa	
66°C	17.6	MPa	
93°C	15.9	MPa	
149°C	14.5	MPa	
Coefficient of Friction ¹ (vs. Itself - Static)	0.10		
Wear Factor	18	10 ⁻⁸ mm ³ /N·m	ASTM D3702
NOTE			
1.	33.3 psi		

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