

Avalon 11

Polytetrafluoroethylene

Greene, Tweed & Co.

Message:

Avalon 11 is a Polytetrafluoroethylene (PTFE) product filled with carbon fiber and graphite fiber. It is available in North America.

General Information			
Filler / Reinforcement	Carbon Fiber		
	Graphite Fiber		
Appearance	Black		
	Dark Grey		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.04	g/cm ³	ASTM D1457
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	14.5	MPa	ASTM D1457
Tensile Elongation (Yield)	180	%	ASTM D1457
Coefficient of Friction			
-- ¹	0.090		
vs. Itself - Static ²	0.080		
Deformation Under Load (26°C, 14 MPa)	4.00	%	ASTM D621
Wear Factor	12	10 ⁻⁸ mm ³ /N·m	ASTM D3702
NOTE			
1.	33.3 psi, 150 fpm		
2.	33.3 psi		

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Recommended distributors for this material

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