

Avalon 07

Polytetrafluoroethylene
Greene, Tweed & Co.

Message:

Avalon 07 is a Polytetrafluoroethylene (PTFE) product. It is available in North America. Primary characteristic: lubricated.

General Information			
Additive	Molybdenum Disulfide Lubricant		
Features	Lubricated		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.21	g/cm ³	ASTM D1457
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	27.6	MPa	ASTM D1457
Tensile Elongation (Yield)	320	%	ASTM D1457
Shear Strength			ASTM D732
27°C	20.7	MPa	
38°C	18.6	MPa	
66°C	14.8	MPa	
93°C	13.8	MPa	
149°C	11.4	MPa	
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic ¹	0.070		
vs. Itself - Static ²	0.040		
Deformation Under Load (26°C, 14 MPa)	15.0	%	ASTM D621
Wear Factor	300	10 ⁻⁸ mm ³ /N·m	ASTM D3702
NOTE			
1.	33.3 psi, 150 fpm		
2.	33.3 psi		

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