

Adamas Adalon® 902 PTFE, 1% Conductive filler

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Information provided by Adamas, HPM

Order this product through the following link:

http://www.lookpolymers.com/polymer_Adamas-Adalon-902-PTFE-1-Conductive-filler.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.14 - 2.17 g/cc	2.14 - 2.17 g/cc	ASTM D792
Water Absorption	0.050 %	0.050 %	ASTM D570
Deformation	8.9 - 10.6 %	8.9 - 10.6 %	ASTM D621

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	58 - 62	58 - 62	ASTM D2240
Ball Indentation Hardness	>= 23.0 MPa	>= 3340 psi	ISO 2032
Tensile Strength at Break	>= 21.0 MPa	>= 3050 psi	ASTM D4894
Elongation at Break	>= 230 %	>= 230 %	ASTM D4894
Coefficient of Friction, Dynamic	0.060 - 0.080	0.060 - 0.080	ASTM D1894
Coefficient of Friction, Static	0.080 - 0.10	0.080 - 0.10	ASTM D1894

Thermal Properties	Metric	English	Comments
Melting Point	327 °C	621 °F	DSC
Maximum Service Temperature, Air	260 °C	500 °F	DSC
Minimum Service Temperature, Air	-120 °C	-184 °F	DSC
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	10000 ohm-cm	10000 ohm-cm	ASTM D257
Surface Resistance	1000 ohm	1000 ohm	ASTM D257

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China