

Adamas Adalon® 466 PTFE, Mineral/Organic 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-466-PTFE-MineralOrganic-Filler.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.68 - 1.70 g/cc	1.68 - 1.70 g/cc	ASTM D792
Deformation	1.4 - 1.8 %	1.4 - 1.8 %	ASTM D621

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70 - 74	70 - 74	ASTM D2240
Ball Indentation Hardness	110 - 150 MPa	16000 - 21800 psi	ISO 2032
Tensile Strength at Break	>= 128 MPa	>= 18600 psi	ASTM D4894
Elongation at Break	>= 2.5 %	>= 2.5 %	ASTM D4894
Coefficient of Friction, Dynamic	0.19 - 0.20	0.19 - 0.20	ASTM D1894
Coefficient of Friction, Static	0.21 - 0.24	0.21 - 0.24	ASTM D1894

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.220 W/m-K	1.53 BTU-in/hr-ft ² -°F	ASTM C 177
Melting Point	327 °C	621 °F	DSC
Maximum Service Temperature, Air	230 °C	446 °F	DSC
Minimum Service Temperature, Air	-80.0 °C	-112 °F	DSC
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	ASTM D257
Surface Resistance	1.00e+10 ohm	1.00e+10 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