

Adamas Adalon® 808 PTFE, Bronze + PEEK+ Carbon Fiber

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Bronze Filled , Polytetrafluoroethylene (PTFE), Carbon Fiber Filled

Material Notes:

Information provided by Adamas, HPM

Order this product through the following link:

http://www.lookpolymers.com/polymer_Adamas-Adalon-808-PTFE-Bronze-PEEK-Carbon-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.28 - 2.32 g/cc	2.28 - 2.32 g/cc	ASTM D792
Deformation	1.7 - 3.0 %	1.7 - 3.0 %	ASTM D621

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	58 - 60	58 - 60	ASTM D2240
Ball Indentation Hardness	54.0 - 56.0 MPa	7830 - 8120 psi	ISO 2032
Tensile Strength at Break	3.00 - 4.00 MPa	435 - 580 psi	ASTM D4745-97
Elongation at Break	3.0 - 5.0 %	3.0 - 5.0 %	ASTM D4745-97
Coefficient of Friction, Static	0.10 - 0.30	0.10 - 0.30	ASTM D1894

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.820 W/m-K	5.69 BTU-in/hr-ft ² -°F	ASTM C 177
Melting Point	327 °C	621 °F	DSC
Maximum Service Temperature, Air	270 °C	518 °F	DSC
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	DSC
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+7 ohm-cm	1.00e+7 ohm-cm	ASTM D257
Surface Resistance	1.00e+6 ohm	1.00e+6 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