

Asahi Glass Fluon® AH-3000 LM-ETFE, Conductive Type, Fluoro-resin

Category : Polymer , Thermoplastic , Fluoropolymer , ETFE/ECTFE , Modified ETFE, Unreinforced

Material Notes:

Fluon®LM-ETFE AH series is a fluoro-resin which have an adhesive properties, and is possible to adhere with other materials by melting down. It can be applied directly without privilege adhesive agent or surface treatment that is used at previous system. Excellent adhesiveness of the two-layer system is effected for only one step. Furthermore, the conventional properties such as anti stick, excellent moldability and chemical resistance, are same as conventional fluoro-resin. Information provided by Asahi Glass Company, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Glass-Fluon-AH-3000-LM-ETFE-Conductive-Type-Fluoro-resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	ASTM D792
Melt Flow	25 g/10 min	25 g/10 min	ASTM D359

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638
Flexural Modulus	1.24 GPa	180 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	240 °C	464 °F	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1000 ohm	1000 ohm	

Descriptive Properties	Value	Comments
Permeation Rate	2.0 g-mm/m ² -24hr	

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