

Fluon® LM-ETFE AH-2000

Ethylene Tetrafluoroethylene Copolymer

Asahi Glass Co., Ltd.

Message:

Fluon® LM-ETFE AH series is a fluoro resin with adhesive properties, and is possible to adhere to other materials by melting. It can be applied directly without adhesive agent or surface treatment used in previous systems. Excellent adhesiveness of the two-layer system is effected in only one step. Conventional properties such as anti stick, ETFE mouldability and chemical resistance are the same as those of conventional ETFE.

General Information			
Features	Good Adhesion Good Chemical Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.78	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (297°C/5.0 kg)	25	g/10 min	ASTM D3159
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	49.0	MPa	ASTM D638
Tensile Elongation (Break)	420	%	ASTM D638
Flexural Modulus	790	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Permeation ¹ (60°C)	2.6	g·mm/m ² /atm/24 hr	Internal Method
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	240	°C	DSC
NOTE			
1.	JIS Z0280(Cup method)		

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