

## Asahi Glass AFLAS® 100H TFE/P Fluoroelastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

AFLAS® 100/150 fluoroelastomers are alternating copolymers of tetrafluoroethylene and propylene. They offer 1) excellent heat resistance, 2) exceptional chemical resistance especially to bases and amines, and 3) high electrical resistivity. AFLAS® 100/150 are categorized by ASTM D 1418-01 as class FEPM. Information provided by Asahi Glass Company, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asahi-Glass-AFLAS-100H-TFEP-Fluoroelastomer.php](http://www.lookpolymers.com/polymer_Asahi-Glass-AFLAS-100H-TFEP-Fluoroelastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.55 g/cc	1.55 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength at Break	18.5 MPa	2680 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-3.00 °C	26.6 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+16 ohm-cm	3.00e+16 ohm-cm	
Dielectric Strength	23.0 kV/mm	584 kV/in	ASTM D149

Descriptive Properties	Value	Comments
Fluorine Content %	57	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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