

## Asahi Glass Lumiflon LF-302 Solvent Soluble Fluoropolymer w/ Melamine hardening agent

Category : Polymer , Thermoplastic , Fluoropolymer

### Material Notes:

Lumiflon was developed by Asahi Glass in 1982, and is unique being the first solvent soluble fluoropolymer. The FEVE based Lumiflon has a alternative copolymer. The complete inter-changeability between the Fluoroethylene and Alkyl Vinyl Ether gives excellent weathering and a high chemical resistance. LF-302 has a UV absorber that makes it unique in the Lumiflon line. The LF-302 is used as a clear coat over plastic, metals, and paints. Information provided by Asahi Glass Company, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asahi-Glass-Lumiflon-LF-302-Solvent-Soluble-Fluoropolymer-w-Melamine-hardening-agent.php](http://www.lookpolymers.com/polymer_Asahi-Glass-Lumiflon-LF-302-Solvent-Soluble-Fluoropolymer-w-Melamine-hardening-agent.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 - 1.09 g/cc	1.05 - 1.09 g/cc	
Viscosity Measure	239 - 418 cSt	239 - 418 cSt	
Molecular Weight	20000 g/mol	20000 g/mol	

Mechanical Properties	Metric	English	Comments
Impact	40	40	cm, DuPont Impact (1kg x 1/2 in.)

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	35.0 °C	95.0 °F	

Optical Properties	Metric	English	Comments
Gloss	81 %	81 %	

Chemical Properties	Metric	English	Comments
Acid Value	0.00	0.00	

Descriptive Properties	Value	Comments
Appearance	Transparent	
Erichsen Test	0	
N.V. wt %	50±1	
OH Value mg KOH/g	52	
Pencil Hardness	4H/F	

Descriptive Properties	Value	Comments
T-bend test (no cracking)	3T	
Xylol Rubbing Test	>200 times	

## Contact Songhan Plastic Technology Co.,Ltd.

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