

## Gichem GILAC F80X5/V0 ABS Flame Retardant (discontinued \*\*)

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Unreinforced, Flame Retardant

### Material Notes:

ABS self-extinguishing class V0. Medium injection speed. Information provided by GICHEM Gruppo Industriale Chimico

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gichem-GILAC-F80X5V0-ABS-Flame-Retardant-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Gichem-GILAC-F80X5V0-ABS-Flame-Retardant-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.10 %	0.10 %	ASTM D570
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D955
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm	1.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	ASTM D648
Vicat Softening Point	85.0 °C	185 °F	ASTM D1525/A
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
Flammability Test	V-0	V-0	
	@Thickness 3.20 mm	@Thickness 0.126 in	
Flammability Test	75	75	[°C] Bilia; IEC 331
Oxygen Index	27 %	27 %	ASTM D2863
Glow Wire Test	960 °C	1760 °F	IEC 695-2-1

Processing Properties	Metric	English	Comments
Middle Barrel Temperature	220 - 230 °C	428 - 446 °F	

Processing Properties	Metric	English	Comments
Mold Temperature	30.0 - 70.0 °C	122 - 158 °F	
Drying Temperature	80.0 °C	176 °F	2 hours

## Contact Songhan Plastic Technology Co.,Ltd.

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