

## Lavergne VYTEEN PC/ABS 3016 PC-ABS, 16% Glass Reinforced

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , Polycarbonate (PC)

### Material Notes:

Vyteen PC/ABS 3016 is a black 16% glass fiber reinforced Polycarbonate/ABS alloy designed for injection molding. Features: -Good processability -Balanced stiffness/resilience -High deflection temperature -Daimler Chrysler MSMB-206 type II compliant Typical

Applications: -Automotive -Structural frames -Appliances Information provided by Bieglo Gmbh for Lavergne Performance Compounds

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lavergne-VYTEEN-PCABS-3016-PC-ABS-16-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Lavergne-VYTEEN-PCABS-3016-PC-ABS-16-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	ASTM D792
Ash	16 %	16 %	ASTM D2854

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	80.0 MPa	11600 psi	5 mm/min; ASTM D638
Flexural Strength	140 MPa	20300 psi	1.3 mm/min; ASTM D790
Flexural Modulus	5.30 GPa	769 ksi	1.3 mm/min; ASTM D790
Izod Impact, Notched	0.850 J/cm	1.59 ft-lb/in	ASTM D256
	@Temperature -29.0 Â°C	@Temperature -20.2 Â°F	
	0.930 J/cm	1.74 ft-lb/in	ASTM D256
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	112 Â°C	234 Â°F	ASTM D648
Flame Spread	100 mm/min	3.94 in/min	SAE J 369

Processing Properties	Metric	English	Comments
Feed Temperature	200 - 230 Â°C	392 - 446 Â°F	
Middle Barrel Temperature	240 - 250 Â°C	464 - 482 Â°F	
Front Barrel Temperature	260 - 275 Â°C	500 - 527 Â°F	
Nozzle Temperature	270 - 280 Â°C	518 - 536 Â°F	

Melt Temperature Processing Properties	240 - 260 Å°C Metric	464 - 500 Å°F English	Comments
Mold Temperature	40.0 - 60.0 Å°C	104 - 140 Å°F	

## Contact Songhan Plastic Technology Co.,Ltd.

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