

LL16006W

Special Characteristics : PlastMate LL16006W is a low smoke halogen free flame retardant natural color compound, this grade is designed for conduit application and contains UV stabilizer. The features of this product include low smoke and halogen free, excellent processing and balance mechanical properties, good flame retardant, low toxic and environmentally friendly.

Typical Applications : Conduit application

Typical Properties :

Properties	LL16006W	Unit	Test Method
Physical Properties			
Melt Flow Rate (MFR) 150°C, 21.6 kg	16	g/10 min	ASTM D1238
Density	1.47	g/cm ³	ASTM D792
Mechanical Properties			
Tensile Strength	9.0	MPa	IEC 60811
Elongation at Break	160	%	IEC 60811
Fire Resistant Properties			
Limiting Oxygen Index (LOI)	33	%	ASTM D2863

Recommendation:

Processing Temperature is 140-160 °C and It should be noted that the melt temperature should not be exceeded 175°C

Pre-Drying : Pre-drying in a dehumidifying dryer is recommended e.g., 4 hours at 80°C

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Note : Properties reported here are typical values of the product, not to be considered as specifications.

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