EnCom 1016

Polycarbonate

EnCom, Inc.

Message:

EnCom 1016 is a polycarbonate (PC) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is: profile extrusion molding or injection molding. The main characteristics of EnCom 1016 are: flame retardant/rated flame.
Typical application areas include:
Automotive Industry
business/office supplies

General Information	
Features	General
Uses	Application in Automobile Field Business equipment General
Appearance	Black Available colors Natural color
Forms	Particle
Processing Method	Profile extrusion molding Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.60	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	55.2	MPa	ASTM D638
Tensile Elongation (Break)	120	%	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength	8.27	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	850	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 3.18mm	135	°C	ASTM D648
1.8 MPa, unannealed, 3.18mm	129	°C	ASTM D648
Flammability	**Nominal Value**		**Test Method**
Flame Rating (3.18 mm)	V-2		UL 94

Additional Information

The rating listed as Flammability Rating, UL 94, was tested in accordance to EnCom test methods.

Recommended distributors for this material

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