

INELEC ABSASFR

Acrylonitrile Butadiene Styrene

Infinity LTL Engineered Compounds

Message:

INELEC ABSASFR is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in North America.

Characteristics include:

Flame Retardant

Antistatic

General Information	
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Additive	Antistatic Flame Retardant
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Features	Antistatic Flame Retardant
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Physical	Nominal Value	Unit	Test Method
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Specific Gravity	1.23	g/cm ³	ASTM D792
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Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70	%	ASTM D955
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Mechanical	Nominal Value	Unit	Test Method
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Tensile Strength (Yield)	33.1	MPa	ASTM D638
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Tensile Elongation (Yield)	3.0 to 5.0	%	ASTM D638
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Flexural Modulus	2070	MPa	ASTM D790
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Impact	Nominal Value	Unit	Test Method
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Notched Izod Impact	80	J/m	ASTM D256
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Unnotched Izod Impact	No Break		ASTM D256
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Thermal	Nominal Value	Unit	Test Method
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Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.7	°C	ASTM D648
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Electrical	Nominal Value	Unit	Test Method
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Surface Resistivity	1.0E+9 to 1.0E+11	ohms	ASTM D257
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Injection	Nominal Value	Unit
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Drying Temperature	82.2	°C
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Drying Time	3.0 to 4.0	hr
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Suggested Max Moisture	0.075	%
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Processing (Melt) Temp	238 to 254	°C
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Mold Temperature	82.2	°C
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Back Pressure	0.345 to 0.689	MPa
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Screw Speed	40 to 70	rpm
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Vent Depth	0.038 to 0.076	mm
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