

CALP FR933

Polyolefin

Lion Idemitsu Composites Co., Ltd.

Message:

CALP FR933 is a Polyolefin product. It can be processed by injection molding and is available in Asia Pacific.

Characteristics include:

- Flame Rated
- Flame Retardant
- Halogen Free

General Information			
Features	Bromine Free		
	Flame Retardant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	8.4	g/10 min	ASTM D1238
Molding Shrinkage			Internal Method
Flow : 2.00 mm	1.5	%	
Across Flow : 2.00 mm	1.3	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	27.0	MPa	ASTM D638
Tensile Elongation (Break)	23	%	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	47.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	2.30	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating ¹ (1.00 mm)	V-0		UL 94
NOTE			

1. Unregistered UL

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