

CALP FE243

Polyolefin

Lion Idemitsu Composites Co., Ltd.

Message:

CALP FE243 is a Polyolefin product. It can be processed by extrusion and is available in Asia Pacific.

Characteristics include:

Flame Rated

Flame Retardant

General Information			
Features	Flame Retardant		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	1.0	g/10 min	ASTM D1238
Molding Shrinkage	Internal Method		
Flow : 2.00 mm	1.2	%	
Across Flow : 2.00 mm	1.2	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	30.0	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Flexural Modulus	3700	MPa	ASTM D790
Flexural Strength	49.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	5.60	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	132	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating ¹ (1.60 mm)	V-0		UL 94
NOTE			

1. Unregistered UL

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