

Technical Data Sheet

PO15CB-H50R-4411

Polyolefin Filled with Calcium Carbonate

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

PO15CB-H50R-4411 is recycled polyolefin filled with 15% calcium carbonate offering better mechanical properties, dimensional stability, stiffness, good thermal and chemical resistance. This compound is used in automotive applications especially automotive heater box and other utility products. This grade is designed to be processed in conventional injection molding process.

General Properties

Material Status •Commercial: Active

Forms •Pellets

Processing Method •Injection molding

Color •Black

Physical Properties	Value	Unit	Test Method
Density	1.02	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	10	gr/10 min	ASTM D1238

Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	≥ 3.5	kJ/m ²	ISO 180
Notched Charpy Impact (23°C)	kJ/m ²	ISO 179

◆ Values shown are average & are not to be considered as product specifications.

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