

Technical Data Sheet

V65AB-I210-C60

Copolymer Polypropylene toughened with EPDM

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V65AB-I210-C60 is copolymer polypropylene toughened with EPDM offering high tear resistance and impact strength. This grade is designed to be processed in extrusion and injection molding process.

General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Injection molding, Extrusion
Color	•Black

Physical Properties	Value	Unit	Test Method
Density	0.96	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	1	gr/10 min	ASTM D1238
Shrinkage	%	Internal

Mechanical Properties	Value	Unit	Test Method
Tensile Strength@ Yield	3.5	MPa	ISO 527
Elongation @ Break	≥ 350	%	ISO 527
Elastic Modulus	MPa	ISO 527
Flexural Modulus	MPa	ASTM D790

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

Hardness	Value	Unit	Test Method
Durometer Hardness	65	Shore A	ASTM D2240

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

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