

Technical Data Sheet



V40DB-B4534-C20

Copolymer Polypropylene Toughened with EPDM

Nirumand Polymer

Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V40DB-B4534-C20 is copolymer polypropylene toughened with recycled EPDM offering high tear resistance and impact strength. This compound is used in automotive applications and other utility products. This grade is designed to be processed in extrusion and blow molding process.

General Properties

Material Status •Commercial: Active

Forms •Pellets

Processing Method •Extrusion, Blow molding

Color •Black

Physical Properties	Value	Unit	Test Method
Density	0.94	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	2	gr/10 min	ASTM D1238
Shrinkage	%	Internal
Mechanical Properties	Value	Unit	Test Method
Tensile Strength@ Break	≥ 10	MPa	ISO 527
Elongation @ Break	≥ 350	%	ISO 527
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	40	Shore D	ASTM D2240

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

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