

Technical Data sheet



V35DB V-8227

Copolymer Polypropylene Toughened with EPDM

Nirumand Polymer

Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V35DB V-8227 is copolymer polypropylene toughened with EPDM offering high 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 techniques.

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	1.5	%	ASTM D955

Mechanical Properties	Value	Unit	Test Method
Tensile Strength@ Break	12	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	35	Shore D	ISO 868

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

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