

## Technical Data Sheet



# V30DB-V8224-C20

Copolymer Polypropylene Toughened with EPDM

## Nirumand Polymer

Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

### Product Description

V30DB-V8224-C20 is copolymer polypropylene toughened with EPDM offering high flexibility and tear resistance. This compound is used in automotive applications and other utility products. This grade is designed to be processed in blow molding process.

### General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Blow molding
Color	•Black

Physical Properties	Value	Unit	Test Method
Density	0.95	gr/cm <sup>3</sup>	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 <sup>2</sup>	ISO 180
Notched charpy Impact (23°C)	.....	kJ/m <sup>2</sup>	ISO 179

Hardness	Value	Unit	Test Method
Durometer Hardness	30	Shore D	ASTM D2240

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

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