

## Technical Data Sheet



### V85AB-X227-C10

Copolymer Polypropylene Toughened with EPDM

## Nirumand Polymer

Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

#### Product Description

V85AB-X227-C10 is copolymer polypropylene toughened with EPDM offering high impact strength and appropriate tear resistance. This compound is designed to be processed in extrusion process.

#### General Properties

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

Physical Properties	Value	Unit	Test Method
Density	0.92	gr/cm <sup>3</sup>	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	≤ 1.5	gr/10 min	ASTM D1238
Shrinkage	.....	%	Internal

Mechanical Properties	Value	Unit	Test Method
Tensile Strength @ Break	≥ 7	MPa	ISO 527
Elongation @ Break	≥ 350	%	ISO 527
Flexural Modulus	.....	MPa	ASTM D790

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	85	Shore A	ASTM D2240

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

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