

Technical Data Sheet

V85AB-X227C10

Polypropylene Toughened with EPDM

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V85AB-X227C10 is 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	0.9	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	1.2	gr/10 min	ASTM D1238
Shrinkage	%	ASTM D955

Mechanical Properties	Value	Unit	Test Method
Tensile Strength @ Break	9	MPa	ISO 527
Elongation @ Break	400	%	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	85	Shore A	ISO 868

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

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