

Technical Data Sheet

V65AN X-209C2

Polypropylene toughened with EPDM

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V65AN X-209C2 is polypropylene toughened with EPDM compound by high impact strength and low hardness. This grade is designed to be processed in extrusion process.

General Properties

Material Status •Commercial: Active

Forms •Pellets

Processing Method •Extrusion

Color •Natural

Physical Properties	Value	Unit	Test Method
Density	0.9	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	0.5	gr/10 min	ASTM D1238
Shrinkage	%	ASTM D955

Mechanical Properties	Value	Unit	Test Method
Tensile Strength@Break	≥ 3	Mpa	ISO 527
Elongation @ Break	≥ 350	%	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	65	Shore A	ISO 868

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

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