

Technical Data Sheet

V65AB-I210C60

Polypropylene toughened with EPDM

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V65AB-I210C60 is polypropylene toughened with EPDM offering high tear resistance and impact strength. This grade is designed to be processed in extrusion and injection molding process.

General Properties

Material Status •Commercial: Active

Forms •Pellets

Processing Method •Injection molding, Extrusion

Color •Black

Physical Properties	Value	Unit	Test Method
Density	0.96	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	9	gr/10 min	ASTM D1238
Shrinkage	1.5-1.6	%	ASTM D955

Mechanical Properties	Value	Unit	Test Method
Tensile Strength@ Yield	3.5	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	ASTM D2240

Flamability	Value	Unit	Test Method
Flame rating (3.2 mm)	HB	mm	UL 94-HB

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

Web-site: www.npolymer.com

Address: Abbas abad Industrial Zone-Tehran-Iran

E-mail: Sales@npolymer.com

Tel: (+9821)35000234 Fax: (+9821)43850755