

Technical Data Sheet

V45AN-V8236

Polypropylene toughened with EPDM

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V45AN-V8236 is vulcanized EPDM offering high toughness and tear resistance. This grade is designed to be processed in both extrusion and injection molding processes.

General Properties

Material Status •Commercial: Active

Forms •Pellets

Processing Method •Extrusion, Injection molding

Color •Natural

Physical Properties	Value	Unit	Test Method
Density	0.98	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/5 kg)	5	gr/10 min	ASTM D1238
Shrinkage	%	ASTM D955

Mechanical Properties	Value	Unit	Test Method
Tensile Strength @ Yield	MPa	ISO 527
Tensile Strength @ Break	3	MPa	ISO 527
Elongation @ Break	500	%	ISO 527

Toughness	Value	Unit	Test Method
Notched Izod Impact (23°C)	kJ/m ²	ISO 180
Compression Set (70°C, 22 hr)	25	%	ASTM D395

Hardness	Value	Unit	Test Method
Durometer Hardness	45	Shore A	ISO 868

◆ 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