

Technical Data Sheet



V57DB-I4660-C56R(D)

Copolymer Polypropylene Toughened with EPDM

Nirumand Polymer

Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V57DB-I4660-C56R(D) is recycled copolymer polypropylene toughened with EPDM by high impact strength. This compound is used in automotive applications and other utility products. This grade is designed to be processed in conventional injection molding and the appearance of the product has white grains.

General Properties

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

Physical Properties	Value	Unit	Test Method
Density	0.97	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	10	gr/10 min	ASTM D1238
Shrinkage	...	%	Internal

Mechanical Properties	Value	Unit	Test Method
Tensile Strength@ Break	≥ 17	MPa	ISO 527
Elongation @ Break	≥ 50	%	ISO 527

Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	≥ 24	kJ/m ²	ISO 180
Notched Izod Impact (-20°C)	...	kJ/m ²	ISO 180

Hardness	Value	Unit	Test Method
Durometer Hardness	58	Shore D	ASTM D2240

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

Web-site: www.npolymer.com

E-mail: Sales@npolymer.com, Trade@npolymer.com

Address: Abbas abad Industrial Zone-Tehran-Iran

Tel & Fax: (+9821)35000234