

Technical Data Sheet

V57DB-I4680-C54R(D)

Copolymer Polypropylene Toughened with EPDM

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V57DB-I4680-C54R(D) is recycled copolymer polypropylene toughened with EPDM offering good impact strength. This compound is used in automotive applications and other utility products. This grade is designed to be processed in conventional injection molding.

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)	11	gr/10 min	ASTM D1238
Shrinkage	%	Internal
Mechanical Properties	Value	Unit	Test Method
Tensile Strength@ Break	≥ 17	MPa	ISO 527
Elongation @ Break	%	ISO 527
Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	> 4	kJ/m ²	ISO 180
Notched Izod Impact (-20°C)	kJ/m ²	ISO 180
Hardness	Value	Unit	Test Method
Durometer Hardness	57	Shore D	ASTM D2240

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

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