

## Technical Data Sheet

# V54DB-1203

# Nirumand Polymer



Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

### Product Description

V54DB-1203 is Polypropylene toughened with EPDM by high mechanical strength, good toughness and suitable tear resistance. This compound is used in cable applications, hoses and other utility products.

### General Properties

Material Status •Commercial: Active

Forms •Pellets

Processing Method •Extrusion, Injection molding

Color •Black

Physical Properties	Value	Unit	Test Method
Density	0.95	gr/cm <sup>3</sup>	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	3	gr/10 min	ASTM D1238
Shrinkage	1.7-1.9	%	ASTM D955

Mechanical Properties	Value	Unit	Test Method
Tensile Strength@yield	20	Mpa	ISO 527
Elongation @ Break	≥ 400	%	ISO 527

Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	NB	kJ/m <sup>2</sup>	ISO 180
Notched charppy Impact (23°C)	NB	kJ/m <sup>2</sup>	ISO 179

Hardness	Value	Unit	Test Method
Durometer Hardness	54	Shore D	ISO 868

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

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