

Technical Data Sheet

V54DB-X1203-C30

Copolymer Polypropylene toughened with EPDM

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

V54DB-X1203-C30 is copolymer polypropylene toughened with EPDM offering 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 ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	4	gr/10 min	ASTM D1238
Shrinkage	...	%	Internal

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)	...	kJ/m ²	ISO 180
Notched charpy Impact (23°C)	...	kJ/m ²	ISO 179

Hardness	Value	Unit	Test Method
Durometer Hardness	54	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