

Technical Data Sheet

GM-100

Polyethylene Geomembrane Grade

Nirumand Polymer



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

Product Description

GM-100 is a polymeric material of virgin polyethylene. This compound has high performance in the long term application and it is resistant to thermal degradation according to GRI- GM13 Standard Specification. This grade has been designed to be used for geomembrane sheet in general applications.

General Properties

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

Physical Properties	Value	Unit	Test Method
Density	> 0.932	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (190°C/2.16 kg)	1 >	gr/10 min	ASTM D1238
O.I.T (200 °C)	> 100	min	ISO 6-11357

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

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