

## Technical Data Sheet

# GM-R100

Polyethylene Geomembrane Grade

## Nirumand Polymer



Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

### Product Description

GM-R100 is a polymeric material of recycled 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 is an economic compound and 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 <sup>3</sup>	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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