

Marlex[®] M151

BLACK LINEAR LOW DENSITY POLYETHYLENE CONCENTRATE

This black masterbatch with its linear low density polyethylene (LLDPE) carrier resin has been formulated for pipe applications that require:

- Good long-term hoop strength
- Extended outdoor life
- Clean N550 carbon black

Letdown Guidelines

- Add M151 to the base pipe resin at a 15:1 letdown ratio to achieve a 2.2% carbon black concentration in the pipe.

NOMINAL BASE RESIN PROPERTIES ⁽¹⁾	English	SI	Method
Density	---	0.918 g/cm ³	ASTM D1505
Flow Rate (MI, 190/2.16)	---	2.0 g/10 min	ASTM D1238
NOMINAL MASTERBATCH PROPERTIES ⁽¹⁾	English	SI	Method
Density	---	>1.0 g/cm ³	ASTM D1505
Flow Rate (HLMI, 190/21.6)	---	12.0 g/10 min	ASTM D1238
Carbon Black Loading	35.0%	35.0%	ASTM D1603

1. The nominal properties reported herein are typical of the product, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded. The physical properties were determined on a compression molded specimens that were prepared in accordance with Procedure C of ASTM D4703, Annex A1.

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