

Marlex[®] M248

BLACK LOW DENSITY LINEAR POLYETHYLENE MASTERBATCH

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

- Excellent thermal stability
- Extended outdoor life
- Good processability
- Excellent melt strength
- Improved texturing performance
- Clean N550 carbon black

Letdown Guidelines

- Add M248 to the base geomembrane resin at a 9:1 letdown ratio to achieve a 2.5% carbon black concentration in the sheet.

Note: M248 is designed to provide sheet oxidative induction time (OIT) values of over 100 minutes when combined with Marlex K203.

NOMINAL PHYSICAL PROPERTIES ⁽¹⁾	English	SI	Method
Flow Rate (HLMI, 190/21.6)	---	9.0 g/10 min	ASTM D1238

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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