Polyethylene Wax In Candles

High quality candles demanded by today's consumers often requires the use of additives to enhance properties of the base paraffin wax.

New techniques of manufacturing and crafting candles has also required that the properties of paraffin be enhanced to provide the best results both aesthetically and in burning of candles.

Marcus Low Molecular Weight Polyethylene wax is an ideal additive for enhancing the properties of paraffin wax used in candles.

Use of Marcus Polyethylene wax at a level of 1-4% can be used to improve the following properties of candles:

- Opacity
- Drip
- Color
- Scent
- Mold release
- Gloss
- Burning time

Most Marcus Polyethylene waxes (M200, M300, & M500) have melting points well above that of traditional paraffin's used in candle wax. To completely melt these grades of Marcus wax requires melting to temperatures in excess of 125 C. Proper dispersion of the Marcus wax in paraffin requires melt temperatures be maintained during mixing and dilution.

Safety should always be the number one consideration in making candle. This applies to both safe manufacturing and safe burning of candles. The information contained herein is intended as a guideline - and not a substitute for safety training, education and well designed, manufactured and tested candles.

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