



Nanoblend™ MB 1201

Polypropylene Impact Copolymer

Key Characteristics

Product Description

Nanoblend™ Concentrates are highly-filled additive concentrates designed to enhance the properties of thermoplastic compounds. These concentrates can be used to increase flexural modulus, melt strength and tensile yield in compounds containing resins such as polyolefins, polyamides, etc. Additional property enhancements can include lower heat seal strengths, harder surfaces, higher coefficient of friction, higher haze/lower clarity. In some cases, controlled release mechanism or enhanced barrier properties can be achieved. The carrier for the concentrate should be selected to be compatible with the thermoplastic matrix resin to be used in making the compound.

General

| | |
|-----------------------|--------------------------------------|
| Material Status | • Commercial: Active |
| Regional Availability | • Latin America • North America |
| Appearance | • Brown |
| Forms | • Pellets |

Technical Properties ¹

| Physical | Typical Value (English) | Typical Value (SI) | Test Method |
|--|-------------------------|--------------------|-------------|
| Specific Gravity | 1.08 | 1.08 | ASTM D792 |
| Additional Information | Typical Value (English) | Typical Value (SI) | |
| Nanomer® Level | 38 to 42 % | 38 to 42 % | |
| Nanomer® is a registered trademark of Nanocor® Inc. Suggested usage level is 10 to 20 weight percent of the Nanoblend™ concentrate. | | | |

Notes

¹ Typical values are not to be construed as specifications.

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