

## TIMCAL TIMREX® BNB90 Expanded Graphite

Category : Carbon , Graphite , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

TIMREX Natural Flake Graphite is produced in a wide range of products distinguished by particle size distribution, chemistry and carbon content. Timcal mines the graphite from its own source in Lac-des-Îles, Quebec, Canada. Further processing can be done either in Lac-des-Îles or for high added value products (e.g. TIMREX PG25) in our new processing plant in Terrebonne, Quebec, Canada. All TIMREX "Naturals" are thoroughly controlled in our laboratories to ensure quality, consistency and total customer satisfaction. Information provided by TIMCAL

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_TIMCAL-TIMREX-BNB90-Expanded-Graphite.php](http://www.lookpolymers.com/polymer_TIMCAL-TIMREX-BNB90-Expanded-Graphite.php)

| Physical Properties   | Metric                 | English                    | Comments |
|-----------------------|------------------------|----------------------------|----------|
| Bulk Density          | 0.0300 g/cc            | 0.00108 lb/in <sup>3</sup> | Scott    |
| Particle Size         | 85 µm                  | 85 µm                      | d90      |
| Specific Surface Area | 28.4 m <sup>2</sup> /g | 28.4 m <sup>2</sup> /g     | BET      |
| Ash                   | 0.14 %                 | 0.14 %                     | Typical  |

| Descriptive Properties | Value                               | Comments                  |
|------------------------|-------------------------------------|---------------------------|
| Aspect                 | Fine black powder                   |                           |
| Battery type           | High-drain AA, AAA                  |                           |
| Graphite               | 3-5%                                | Recommended concentration |
| Particle Shape         | Strongly Anisometric, 2-dimensional |                           |

## Contact Songhan Plastic Technology Co.,Ltd.

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