

# TENTATIVE TECHNICAL DATA SHEET

December 2017

## TIMREX<sup>®</sup> LB 2053 N

### Colloidal Graphite Dispersion

#### General Characteristics

TIMREX<sup>®</sup> LB 2053 N is a binder-free aqueous colloidal dispersion of graphite with suitable surfactants.

Appearance: black pasty dispersion.

#### Standard Packaging

25 kg drum

100 kg drum

200 kg drum

#### Guaranteed Values

##### *Properties of Dispersion*

Solid Content	25 – 28	%
pH (right after production)	6 - 10	

#### Typical Values

Solid Content	26.5	%
Particle size of graphite (d90, Laser diffraction)	< 5.0	µm

#### Application

TIMREX<sup>®</sup> LB 2053 N can easily be diluted with demineralized water to the desired solid content. Excessive stirring must be avoided to prevent formation of microfoam. Prior to the addition of binders we recommend small scale experiments to ensure compatibility.

#### Storage

At room temperature TIMREX<sup>®</sup> LB 2053 N may be stored in closed containers over a period of six months. Storage temperature must not be below 5 °C and should not exceed 30 °C to prevent degradation of the dispersion. Freezing has to be avoided in any case.