

# **TECHNICAL DATA SHEET**

February 2016

TIMREX<sup>®</sup> LB1300

**TIMCAL** Dispersion

**Aqueous Dispersion** 

## **General Characteristics**

TIMREX<sup>®</sup> LB 1300 is a stable binder free aqueous dispersion of graphite powder. It serves as a versatile base product for the formulation of dispersions by adding suitable binders.

### Standard Packaging

35 kg drum, 10 drums on one pallet (350 kg)

## **Guaranteed Values**

<i>Properties of Graphite</i> Ash D90 (Laser Diffraction)	0.1 5.8 – 7.1	% max μm
Properties of Dispersion Solid Content pH (right after production)	25.5 – 28.5 4 – 7	%
Typical Values Density of Dispersion at 20°C	1.17	g/cm <sup>3</sup>

#### Application

Prior to use TIMREX<sup>®</sup> LB 1300 has to be stirred carefully, as sedimentation may occur during extended storage.Excessive stirring must be avoided to prevent formation of microfoam. After stirring TIMREX<sup>®</sup> LB 1300 is ready to use. In this state a binder can be added. A pH of 9 should not be exceeded.

#### Storage

At room temperature TIMREX<sup>®</sup> LB 1300 may be stored in closed containers over a period of six months. Storage temperature must not be below 5°C and should not exceed 25°C to prevent degradation of the dispersion. Freezing has to be avoided in any case.

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