

TECHNICAL DATA SHEET

February 2016

TIMREX[®] LB1300

TIMCAL Dispersion

Aqueous Dispersion

General Characteristics

TIMREX[®] 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

Properties of Graphite

Ash	0.1	% max
D90 (Laser Diffraction)	5.8 – 7.1	µm

Properties of Dispersion

Solid Content	25.5 – 28.5	%
pH (right after production)	4 – 7	

Typical Values

Density of Dispersion at 20°C	1.17	g/cm ³
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Application

Prior to use TIMREX[®] 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[®] 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[®] 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.