

TENTATIVE TECHNICAL DATA SHEET

December 2017

TIMREX[®] LB 2053 N

Colloidal Graphite Dispersion

General Characteristics

TIMREX[®] 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	< 5.0	μm
(d90, Laser diffraction)		

Application

TIMREX[®] 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.

<u>Storage</u>

At room temperature TIMREX[®] 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.

Imerys Graphite & Carbon Switzerland Ltd. Strada Industriale 12 – 6743 – Bodio – Switzerland Tel: +41 91 873 20 10 – Fax: +41 91 873 20 19 – www.imerys-graphite-and-carbon.com

Imerys Graphite & Carbon is a trademark of the Imerys Group

The information contained herein is believed to be correct. However, no warranty is made, either expressed or implied regarding the accuracy or the results to be obtained

The user assumes all risk and liability for intellectual property infringement and no statement(s) made in relation to this material is intended or shall be construed as inducing infringement of a valid patent.