

TENTATIVE TECHNICAL DATA SHEET

December 2017

TIMREX[®] NeroMix L12

Colloidal Graphite Dispersion

General Characteristics

TIMREX[®] NeroMix L12 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 | 29.5 – 33.5 | % |
| pH (immediately after production) | 9 – 12 | |

Typical Values

| | | |
|---|-----------|-------------------|
| Viscosity (Cone-Plate, 20°C, 10 s-1) | 40 | mPa.s |
| Particle size of graphite (d90, Laser diffraction) | <5 | microns |
| Density of Dispersion at 20 °C | 1.10-1.30 | g/cm ³ |

Application

TIMREX[®] NeroMix L12 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

TIMREX[®] NeroMix L12 may be stored in a closed container over a period of six months. Storage temperatures must not be below 5 °C and should not exceed 30 °C to prevent degradation of the dispersion. Freezing the dispersion is to be avoided in any case.