

# TENTATIVE TECHNICAL DATA SHEET

November 2017

## TIMREX<sup>®</sup> NeroMix L11

Aqueous Carbon Dispersion for Lubrication in Non-Woven Materials

### **General Characteristics**

TIMREX<sup>®</sup> NeroMix L11 is a binder-free semi-finished aqueous dispersion based on carbon pigments. TIMREX® NeroMix L11 is optimised for providing low friction in non-woven materials. The dispersion is stabilised in aqueous medium by non-ionic dispersants.

#### **Standard Packaging**

25 kg drum, 10 drums on one pallet (250 kg) 200 kg drum 1100 kg container, one container on one pallet

#### **Guaranteed Values**

Solid Content

25.5 - 29.5 %

#### **Typical Values**

Viscosity (Cone-Plate, 20°C, 10 s <sup>-1</sup> )	2200	mPa.s
pH (immediately after production)	10.5	
Density of Dispersion at 20 °C	1.17	g/cm <sup>3</sup>

#### **Application**

TIMREX<sup>®</sup> NeroMix L11 should be carefully stirred before use as sedimentation may occur upon extended storage. However, excessive stirring is not recommended to prevent the formation of a micro-foam. Binder and other additives can then be added to obtain a coating with the specific properties for the intended application. The pH of dispersion should be maintained in the range of 5 to 12. Coatings based on TIMREX<sup>®</sup> NeroMix L11 should be dried at temperatures not exceeding 150 °C.

#### Storage

TIMREX<sup>®</sup> NeroMix L11 should be stored in a closed container. Storage temperatures should be  $\geq$  5 °C and below 40 °C to prevent dispersion degradation. Freezing the dispersion is to be avoided. A shelf-life of six months is guaranteed from the date of production.

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

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