

TENTATIVE TECHNICAL DATA SHEET

November 2017

TIMREX[®] NeroMix L11

Aqueous Carbon Dispersion for Lubrication in Non-Woven Materials

General Characteristics

TIMREX[®] 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 %
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Typical Values

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

Application

TIMREX[®] 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[®] NeroMix L11 should be dried at temperatures not exceeding 150 °C.

Storage

TIMREX[®] NeroMix L11 should be stored in a closed container. Storage temperatures should be ≥ 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.