

TIMREX[®] DDP 3

General Characteristics

TIMREX[®] DDP 3 is a powder containing medium particle size macro-crystalline graphite combined with suitable dispersing and suspending agents.

Standard Packaging

25 kg paper bags, 36 bags on one pallet (900 kg)
500 kg big bags, 2 big bags on one pallet (1'000 kg)

Guaranteed Values

Lubricating solid	graphite
Particle size of graphite (d50, laser diffraction)	17 – 26 μm

Typical Values

Bulk density of powder	0.37 g/cm ³
No particle over 2000 μm (sieving)	
Viscosity of dispersion (30% solids) at 20 °C (cone-plate at 10 s ⁻¹)	2.000-12.000 mPa.s
Density of dispersion at 20 °C (30% solids)	1.15 g/cm ³

Application

Due to the stability of the dispersion TIMREX[®] DDP 3 is suitable for a wide range of applications in the field of hot metal forming. The high quality and performance of macro-crystalline graphite promotes good workpiece surface quality, reduces costs and increases productivity. The water-based dispersion is odourless and does not contain organic chlorine compounds. When exposed to high temperature it does not produce any fumes.

Storage

TIMREX[®] DDP 3 should be stored in a cool dry place. Under these conditions it may be stored for 3 years. Storage temperature of the liquid product must not be below 5 °C and should not exceed 40 °C in order to prevent degradation of the dispersion. Freezing has to be avoided in any case. Once prepared the dispersion should be used within one week.