



METAMAX B-26

Binder for the preparation of aqueous hard metal suspensions

Chemical basis

Polymer solution

Characteristics

Appearance	clear-turbid, colourless-rose liquid
Active matter	approx. 40 %
Solubility	water-miscible

Shelf-life / Packaging

12 months under proper conditions | drums of 30 and 140 kg, containers of 1100 kg

Application

The use of METAMAX B-26 promotes the production of well processible hard metals. The mixes can then be processed by vacuum drying or by spray drying. During the spray drying process, METAMAX B-26 leads to the formation of granules with good free-flowing properties, and considerably improves the compaction behaviour of the granules.

Debinding takes place between 300 and 400 °C, without leaving any residues.

The binder is added before attritor milling, thus leading to a very homogeneous distribution of the binder in the slurry. Generally, the quantity of METAMAX B-26 to be added varies between 2.5 and 5.0 %, related to the hard metal powder.

