



SILIPLAST LP 65

Thermoplastic injection moulding binder

Chemical basis

Paraffin, contains emulsifiers

Characteristics

Appearance	white pellets
Active matter	water-insoluble
Density (20 °C)	approx. 0.9 g/cm ³
Melting point	approx. 50 °C
Residue on ignition	0.1 % maximum

Shelf-life / Packaging

24 months if stored under proper and dry conditions
drums of 16 kg

Application

SILIPLAST LP 65 is a ready-to-use medium for the preparation of oxide ceramic and nonoxide ceramic bodies by the hot moulding process (low-pressure injection moulding).

In many cases, the use of SILIPLAST LP 65 achieves a higher pigment absorption than with SILIPLAST LP 13.

SILIPLAST LP 65 is especially suitable for the hot moulding of filigrained geometries.

Debinding is carried out purely thermically and during the heating up process SILIPLAST LP 65 shows an even burn out behaviour over a wide temperature interval.

The application quantity depends on the body composition as well as on the particle size distribution. For aluminium oxide bodies it would be for example about 12 % by weight.

Note

Recommended storage temperature is approx. 20 °C.

