

## DEUREX K 6245 M

### TECHNICAL INFORMATION

**Chemical description:**

**PEEK coated Wax**

Micronized Hardwax, coated with micronized high-performance polymer PEEK (Polyetheretherketone)  
(Fully coated)

**Benefits:**

- Wax surface completely coated with PEEK (fully coated)
- PFAS free – PTFE alternative
- Extreme surface hardness
- PEEK sticks to the surface of the wax

**Applications:**

Paints and coatings

- Powder coatings, can coatings, furniture and parquet coatings
- Automotive, industrial, painting and construction coatings
- Especially for sheetfed offset inks, as well as flexographic and gravure inks
- PEEK (Polyetheretherketone) is a high-performance thermoplastic used in very demanding technical applications

**Properties:**

- High temperature resistance
- Very high strength and rigidity
- Very hard wax
- Excellent chemical resistance
- Excellent wear and abrasion resistance
- Very good slip properties, high fatigue strength
- Biocompatibility & radiation resistance
- High dielectric strength and stable insulating properties
- Low dust behaviour, free-flowing powder
- Good dispersibility in water, oil and solvents

**Technical data:**

Colour:	White
Delivery form:	Micronized Powder

	Minimum	Maximum	Method
Particle size*:	98 % < 45 µm		ISO 13320
Typical value:	50 % ~ 15 µm		
Drop point (wax)*:	130 °C	135 °C	ASTM D 3954
Density (23 °C) (wax):	0,97 g/cm³	0,99 g/cm³	ISO 1183
Typical melting point (PEEK):	340 °C		ISO 11357
Typical density (23 °C) (PEEK):	1,30 g/cm³		ISO 1183

\*Part of certificate of analysis

**Alternative products:**

See <https://www.deurex.com/productsearch/DEUREX-K-6245-M/>

This data sheet is based on our current knowledge and experience. In view of the individual factors that may affect processing and application, this data does not relieve users from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties. Existing industrial/commercial protective laws have to be considered by the recipient. Updated versions of the data sheet replace all formerly existing versions.