



# PERGOPAK<sup>®</sup> M3

## Einsatzbeispiele / Applications

PERGOPAK wird als Lackhilfsmittel mit mattierenden Eigenschaften in der Lackindustrie eingesetzt.

Die Hauptvorteile sind: • intensive Mattierungswirkung • geringe Rheologiebeeinflussung • Verbesserung der Kratzfestigkeit • Elastizität, Adhäsion, Witterungs-, Temperatur- und Glanzstabilität.

PERGOPAK is used as a matting and effects agent for the paint and varnish industry. Its main advantages are: • high matting efficiency • low impact on rheology • improved scratch and abrasion resistance • improvement of adhesion and elasticity • excellent weather resistance and gloss retention

## Durchschnittsanalyse / Typical analysis

### Chemische Konstitution / Chemical composition

Polymethylharnstoffharz mit freien Methylolgruppen	[%]	ca. 0.6
Polymethyl urea resin with reactive methylol groups	[%]	approx. 0.6
Dichte / Density	[g/cm <sup>3</sup> ]	1.47
Schüttdichte / Bulk density	[kg/m <sup>3</sup> ]	ca. 80
Spez. Verpackungsgewicht (gepresst) / Packed bulk density (compressed)	[kg/m <sup>3</sup> ]	ca. 200
Teilchengröße (Laser Beugung) / Particle Size (laser diffraction)	d <sub>50</sub> [µm] d <sub>90</sub> [µm] d <sub>100</sub> [µm]	6 – 8.5 15 – 19 ≤ 36
Spezifische Oberfläche (BET) / Specific surface (BET)	[m <sup>2</sup> /g]	14 – 22
Ölaufnahme / Oil absorption	[cm <sup>3</sup> /100g]	ca. 310
Brechungsindex / Refractive index		1.607
Feststoff-Gehalt / Solid content	[%]	≥ 83
Zersetzungstemperatur / Decomposition temperature	[°C]	> 220
Lagerstabilität / Storage stability	Jahre / years	> 1

## Shipping Information

Packaging and minimum order quantity information is available from sales or customer service.

## Safety and Handling Information

For specific safety, toxicity and handling information, please refer to the material safety data sheet on this product.

## Chemical Registration Numbers

CAS No.:	9011-05-6
EC/EINECS No.:	Polymer Exempt
ENCS:	7-576
ECL:	KE-35175

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