



# PERGOPAK<sup>®</sup> M5

## 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 / Particle Size

Primärteilchen von bilden Agglomerate [µm] 0.1 – 0.5

Primary particles of forming agglomerates [µm] 0.1 – 0.5

(Laser-Beugung) Cilas / d<sub>50</sub> [µm] 3.5 – 6.0  
(light-scattering) Cilas d<sub>90</sub> [µm] 9.0 – 12.5

Spezifische Oberfläche (BET) /  
Specific surface (BET) [m<sup>2</sup>/g] 14 – 22

Ölaufnahme / Oil absorption [cm<sup>3</sup>/100g] ca. 265

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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