PERGOPAK® M4

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/cm³]	1.47
Schüttdichte / Bulk density	[kg/m³]	ca. 80
Spez. Verpackungsgewicht (gepresst) / Packed bulk density (compressed)	[kg/m³]	ca. 200
Teilchengröße (Laser Beugung) / Particle Size (laser diffraction)	d_{50} [µm] d_{90} [µm] d_{100} [µm]	5 – 7 12 – 15.5 ≤ 30
Spezifische Oberfläche (BET) / Specific surface (BET)	[m²/g]	14 – 22
Ölaufnahme / Oil absorption	[cm³/100g]	ca. 310
Brechungsindex / Refractive index		1.607
Feststoff-Gehalt / Solid content	[%]	≥ 83
Zersetzungstemperatur / Decomposition temperature	[°C]	> 220
Lagerstabilität / Storage stability	Monate / months	24

Die oben genannten Werte sind nur als Richtwerte zu verstehen und nicht etwa als zugesicherte Eigenschaften.
The above mentioned values should be taken only as indications and not as guaranteed properties.

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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