



PERGOPAK[®] 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
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Polymethyl urea resin with reactive methylol groups	[%]	approx. 0.6
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Dichte / Density	[g/cm ³]	1.47
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Schüttdichte / Bulk density	[kg/m ³]	ca. 80
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Spez. Verpackungsgewicht (gepresst) / Packed bulk density (compressed)	[kg/m ³]	ca. 200
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Teilchengröße / Particle Size

Primärteilchen von bilden Agglomerate	[µm]	0.1 – 0.5
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Primary particles of forming agglomerates	[µm]	0.1 – 0.5
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(Laser-Beugung) Cilas /	d ₅₀ [µm]	3.5 – 6.0
(light-scattering) Cilas	d ₉₀ [µm]	9.0 – 12.5

Spezifische Oberfläche (BET) / Specific surface (BET)	[m ² /g]	14 – 22
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Ölaufnahme / Oil absorption	[cm ³ /100g]	ca. 265
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Brechungsindex / Refractive index		1.607
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Feststoff-Gehalt / Solid content	[%]	≥ 83
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Zersetzungstemperatur / Decomposition temperature	[°C]	> 220
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Lagerstabilität / Storage stability	Jahre / years	> 1
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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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