



PERGOPAK® M2

Einsatzbeispiele / Applications

PERGOPAK wird als Spezial-Füllstoff in Papier und Karton eingesetzt. Die Hauptvorteile sind: • verbesserte Weiße • erhöhte Opazität • verbesserte Bedruckbarkeit • mögliche Flächengewichtsreduzierung • verbesserte Füllstoff und Feinvaserretention • keine Erhöhung des Aschegehaltes

PERGOPAK is used as a special filler in paper and board. It offers: • enhanced brightness • higher opacity • improved printability • lower paper weight • improved retention of fibres and fillers • no ash content increase

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

Verpackungsgewicht (gepresst) /
Packed bulk density (compressed) [kg/m³] ca. 180

Teilchenform und -größe / Shape and size of particles

Primärteilchen von 0.1 – 0.15 µm bilden Agglomerate mit 3.5 – 6.5 µm mittlerer Teilchengröße

Primary particles of 0.1 – 0.15 µm forming agglomerates of 3.5 – 6.5 µm diameter on average

Spezifische Oberfläche (BET) /
Specific surface (BET) [m²/g] 14 – 22

Weißgrad / ISO-Brightness
(Elrepho 457 nm) [%] ≥ 97

Brechungsindex / Refractive index 1.607

Spez. Streukoeffizient /
Spec. Scattering coefficient [m²/kg] ca. 450

Feststoff-Gehalt / Solid content [%] 80 – 90

Stickstoff-Gehalt / Nitrogen content [%] ca. 35

Lagerstabilität / Storage stability Monate / month 12

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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