

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 Fein-faserretention • 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 ca. 0,6 % freien Methylolgruppen Polymethyl urea resin with approx. 0.6 % reactive methylol groups	
Lieferform / Product form	Filterkuchen / Filtercake	
Feststoff-Gehalt / Solid content	[%]	26 - 30
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	
Dichte / Density	[g/cm ³]	1.47
Schüttdichte / Bulk density	[kg/m ³]	ca. 450
Spezifische Oberfläche (BET) / Specific surface (BET)	[m ² /g]	14 - 22
Weißgrad / ISO-Brightness (Elrepho 457 nm)	[%]	≥ 96
Brechungsindex / Refractive index		1.607
Spez. Streukoeffizient / Spec. Scattering coefficient	[m ² /kg]	ca. 450
Stickstoff-Gehalt / Nitrogen content	[%]	ca. 35
Lagerstabilität / Storage stability	Monate / month	6



Shipping Information

Transportation classification: not regulated for transportation
Harmonized tariff number: 39091000

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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