

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 Feinfaserretention • 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 Methylogruppen Polymethyl urea resin with approx. 0.6 % reactive methylol groups
Dichte / Density	[g/cm ³] 1.47
Schüttdichte / Bulk density	[kg/m ³] ca. 80
Verpackungsgewicht (gepresst) / Packed bulk density (compressed)	[kg/m ³] 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)	[m ² /g] 14 – 22
Weißgrad / ISO-Brightness (Elrepho 457 nm)	[%] ≥ 97
Brechungsindex / Refractive index	1.607
Spez. Streukoeffizient / Spec. Scattering coefficient	[m ² /kg] 450
Feststoff-Gehalt / Solid content	[%] 80 – 90
Stickstoff-Gehalt / Nitrogen content	[%] ca. 35
Lagerstabilität / Storage stability	Monate / month 12



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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AMERICAS

Albemarle Corporation
451 Florida Street
Baton Rouge, Louisiana 70801-1765
Phone: +1-225-388-7402
Fax: +1-225-388-7848

EUROPE, MIDDLE EAST, AFRICA

Albemarle Europe SPRL
Parc Scientifique Einstein
Rue du Bosquet 9
B-1348 Louvain-la-Neuve Sud, Belgium
Phone: +32-10-48-1711
Fax: +32-10-48-1717

Martinswerk GmbH
Kölnner Straße 110
D-50127 Bergheim
Phone: +49-2271-902424
Fax: +49-2271-902-557

ASIA PACIFIC

Albemarle Asia Pacific Company
480 Lorong 6
Toa Payoh #16-01
HDB Hub, East Wing
Singapore 310480
Phone: +65-6424-8400
Fax: +65-6424-8401

Albemarle Japan Corporation
16th Floor, Fukoku Seimei Building
2-2, Uchisaiwaicho, 2-Chome
Chiyoda-ku, Tokyo 100-0011, Japan
Phone: +81-3-5251-0791
Fax: +81-3-3500-5623

Shanghai Liaison Office
Albemarle Chemicals (Shanghai) Co., Ltd.
Room 2208, Shui On Plaza
No. 333 Huaihai Zhong Road,
Shanghai 200021, China
Phone: +86-21-5306-1360
Fax: +86-21-5306-2420

Beijing Liaison Office
Albemarle Chemicals (Shanghai) Co., Ltd.
China World Tower, Room 1317
No. 1 Jian Guo Men Wai Avenue
Beijing 100004, China
Phone: +86-10-6505-4153 and -54
Fax: +86-10-6505-4150

Albemarle Korea Corporation
602 Trade Tower
World Trade Center
159-1 Samsungdong, Kangnam-gu,
135-729 Seoul, Korea
Phone: +82-2-555-3005
Fax: +82-2-555-3002

INTERNET

www.martinswerk.de
www.albemarle.com