



PERGOPAK[®] M5

Applications

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

Typical analysis

Chemical composition

Polymethyl urea resin with reactive methylol groups	[%]	approx. 0.6
Density	[g/cm ³]	1.47
Bulk density	[kg/m ³]	ca. 80
Packed bulk density (compressed)	[kg/m ³]	ca. 200
Particle Size		
Primary particles of forming agglomerates	[μm]	0.1 – 0.5
(light-scattering) Cilas	d ₅₀ [μm]	3.5 – 6.0
	d ₉₀ [μm]	9.0 – 12.5
Specific surface (BET)	[m ² /g]	14 – 22
Oil absorption	[cm ³ /100g]	ca. 265
Refractive index		1.607
Solid content	[%]	≥ 83
Decomposition temperature	[°C]	> 220
Storage stability	years	> 1

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

EUROPE, MIDDLE EAST, AFRICA

Martinswerk GmbH
Kölnner Straße 110
D-50127 Bergheim

Phone: +49-2271-902-0
Fax: +49-2271-902-710

AMERICAS

Huber Engineered Materials
3100 Cumberland Boulevard
Suite 600
Atlanta, Georgia 30339

Phone: +1 (678) 247-7300
Fax: +1 (678) 247-2797

ASIA PACIFIC

Huber Engineered Materials
Zhang Ge Zhuang
Huangdao Sub-district
Qingdao, Shangdon
266555 China

Web: www.martinswerk.de
www.hubermaterials.com

Email: info@martinswerk.com
hubermaterials@huber.com



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