



# PERGOPAK<sup>®</sup> M6

## 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 <sup>3</sup> ]	1.47
Bulk density	[kg/m <sup>3</sup> ]	ca. 80
Packed bulk density (compressed)	[kg/m <sup>3</sup> ]	ca. 200
Particle Size		
Primary particles of forming agglomerates	[μm]	0.1 – 0.5
(light-scattering) Cilas	d <sub>50</sub> [μm]	ca. 3.5
	d <sub>90</sub> [μm]	ca. 6.5
Specific surface (BET)	[m <sup>2</sup> /g]	14 – 22
Oil absorption	[cm <sup>3</sup> /100g]	ca. 240
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

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