

LUBA-print 552/A

TECHNICAL INFORMATION

Chemical description:	Wax dispersion / Wachsdispersion		
Application/properties:	Waterbased paint- systems and printing inks, to improve matting with good rub resistance		
Processing information:	2 - 10 % of this wax dispersion to be added to the paint or printing ink while stirring		
Solid:	Polyethylene-Wax / org. - anorg. Matting Agent Combination		
Emulsifier-system:	non - ionic		
Solvent:	Water		
Technical data:	<table> <tr> <td>Colour</td> <td>white</td> </tr> </table>	Colour	white
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	Minimum	Maximum	Method
Active content	40,5 %	42,5 %	Sartorius MA 100 infrared drier
Melting range	130 °C	136 °C	DSC (solid wax) (ISO11357-3)
pH-Value	4,5	5,5	DIN ISO 976
Particle size d50	5,5 µm	6,5 µm	Picture-Particle-Analyzing-System
Particle size d98 <=		22,0 µm	Picture-Particle-Analyzing-System
Density	1,00 g/ccm	1,02 g/ccm	Pyknometer DIN EN ISO 2811-1
Viscosity	100 mPa.s	350 mPa.s	Rheolab MC1 DIN 53019 1.291s-1

These data are also part of the test certificate and the specification.

Storage: In original closed containers lasting at least 12 months at temperatures between 5-35°C. Stir well before use!
Protect from frost! After long storage, particularly after usage of some of the product, evaporation of water is possible and visible signs of particles may be present. We therefore recommend filtration of the product before use.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.

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