



## Technical Data Sheet

### OnWax® Mirco 3920

**Introduction:** OnWax Micro 3920 is a hard, polyethylene wax. Improves scratch and abrasion resistance. Offers increased metal mark resistance and provides resistance to scuffing. Exhibits very good compatibility with a wide variety of resins. Imparts polishing resistance. Possesses homogeneous particle size distribution which makes it readily dispersible. OnWax Micro 3920 holds very good chemical and weather resistance with improved UV-resistance.

### Chemical description

Micro-sized synthetic wax

### Production process

Air classification process

### Typical Properties

Test	Unit	Specification	Test Methods
Color	-	White	Visual
Form	-	Microsized powder	Visual
Particle size Typical value	%	Max 98 % < 20 µm Max 50 % ~ 8 µm	LV 5 (DIN ISO 13320)
Drop point	°C	110 - 120	LV 12 (DGF M-III 3)
Penetration	mm*10 <sup>-1</sup>	Max 1	LV 4 (DIN 51579)
Density (23 °C)	g/cm <sup>3</sup>	0.94 -0.95	LV 3 (DIN ISO 1183)

### Application

**Paints and Coatings:** Powder coatings, can coatings, industrial and wood coatings

**Printing Inks:** Gravure, flexo and overprinting inks

### Advantage

Very fast solidification point at 100 °C

Guaranteed maximum particle size and constant and narrow

Particle size distribution

Easily dispersible without lump or coagulate formation

Reference No: ITS/I/00082	Issue Date: July 20,2017	Prepared By: Deepali Nikam	Date: 07/20/2017
Revision No : 00	Revision Date: NA	Approved By: Heena Kudalkar	Date: 07/20/2017

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