



# Yellow Iron Oxide ML

## Technical Data Sheet

<b>Product Name:</b>	Gelest Yellow Iron Oxide ML
<b>Product Code:</b>	YIA-MLA
<b>INCI Name:</b>	Iron Oxides, Dimethicone PEG-3 Laurate
<b>CAS #:</b>	51274-00-1, 212335-52-9
<b>EINECS #</b>	257-098-5, N/A (polymer)
<b>CI Number:</b>	77492

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### ***TYPICAL PROPERTIES:***

<b><u>Test</u></b>	<b><u>Parameter</u></b>
<b>Appearance:</b>	Yellow powder
<b>Odor:</b>	Slight, characteristic
<b>Hydrophobicity:</b>	Passes
<b>Loss on Drying @105°C three hours:</b>	< 1%
<b>Heavy metals:</b>	
<b>Arsenic:</b>	Maximum 3 ppm
<b>Cadmium:</b>	Maximum 1 ppm
<b>Chromium:</b>	Maximum 100 ppm
<b>Copper:</b>	Maximum 50 ppm
<b>Lead:</b>	Maximum 10 ppm
<b>Mercury:</b>	Maximum 1 ppm
<b>Nickel:</b>	Maximum 200 ppm
<b>Zinc:</b>	Maximum 100 ppm
<b>Microbial content:</b>	< 100 cfu/gram; no pathogens
<b>Composition:</b>	
<b>Yellow Iron Oxide:</b>	98-99%
<b>Dimethicone PEG-3 Laurate:</b>	1-2%

Note: The values above are typical, not intended for use in preparing specifications.  
Please contact the Gelest PCS sales representative when writing specifications.