



## TECHNICAL DATA

Edition of: 2020-01-01

<b>Trade name</b>	Iron oxide yellow			
<b>Type</b>	HY-8314AM			
<b>REACH</b>	Registration No. 01-2119457554-33-0014			
<b>Chemical class</b>	Iron hydroxide oxide ( $\alpha$ -FeOOH)			
<b>Delivery form</b>	Powder			
<b>Colour index</b>	Pigment yellow 42 (77492)			
<b>CAS No./EC No.</b>	51274-00-1 / 257-098-5			
<b>Specifications</b>	Contents ( Fe <sub>2</sub> O <sub>3</sub> )	%	≥86	ISO1248
	Oil absorption	g/100g	20~30	ISO787-5
	Res. on 325 mesh	%	≤0.01	ISO787-7
	Water soluble matter	%	≤0.5	ISO787-3
	Moisture	%	≤1.0	ISO787-2
	pH value		5~7	ISO787-9
	Bulk density	g/cm <sup>3</sup>	0.15	ISO787-11
	Specific gravity	g/cm <sup>3</sup>	4.1	ISO787-10
	Predominant particle size	μm	0.1x0.6	SEM
	Dispersibility (Hegman)	μm	≥6.5	ISO787-20
	Conductivity	us/cm	≤250	ISO787-14
<b>Sales packing</b>	In 20kg paper bag then palletized			
<b>Transport &amp; Storage</b>	Protect against weathering, store in a dry place.			
<b>Safety</b>	The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008			