



## **COLORANA® D-Range**

### **Deagglomerated Iron Oxide Pigments**

#### **1.) Terminology:**

The term “**Micronisation**” has been introduced by Bayer AG for pigments which have been specially treated by kinetic forces to reduce the amount of agglomerates/aggregates in a ready-made iron oxide pigment. It was the idea to create pigments easily to disperse in different binder systems by high speed dissolver techniques.

Technically the term “**Micronisation**” means:

**- to break down primary particles -**

Rana Gruber has chosen to avoid the term “**Micronisation**” and instead introduced the term “**Deagglomeration**” for the same type of products.

Technically the term “**Deagglomeration/Deaggregation**” means:

**- to break down agglomerates/aggregates -**

**COLORANA® D-Range = synthetic iron oxide pigment M-grades**

#### **2.) COLORANA® D-Range process:**

Deagglomerated black and red **COLORANA®** pigments are processed from normal pigment grades via a unique disintegration technology combined with highly efficient, superfine air-classifiers. The ultimate solution to create pigments of superior

**- COLORANA® - Quality.**

#### **3.) COLORANA® D-Range products:**

**Deagglomerated COLORANA® Black**  
**CM – D Products**

**Deagglomerated COLORANA® Red**  
**CRM – D Products**