

AEROSIL® RY 200 L

De-agglomerated hydrophobic fumed silica

Characteristic physico-chemical data

| Properties and test methods | Unit | Value |
|--|-------------------|---------------|
| Specific surface area (BET) | m ² /g | 80 - 120 |
| pH value in 4% dispersion | | 4.0 - 7.0 |
| Loss on drying** 2 hours at 105 °C | % | ≤ 0.5 |
| C content | % | 4.0 - 6.0 |
| Bulk density | g/l | approx. 30 |
| SiO ₂ content based on ignited material | % | ≥ 99.8 |
| Triboelectric charge* | μC/g | approx. - 560 |
| * Evonik method ** ex plant The data represents typical values (no product specification). | | |

Registrations (substance or product components)

AEROSIL® RY 200 L

| | |
|------------------|------------|
| CAS-No. | 67762-90-7 |
| REACH (Europe) | exempted |
| TSCA (USA) | registered |
| DSL (Canada) | registered |
| AICS (Australia) | registered |
| ENCS (Japan) | registered |
| KECI (Korea) | registered |
| IECSC (China) | registered |

AEROSIL® RY 200 L is a commercially available silicone oil-treated fumed silica, which has been de-agglomerated to improve dispersibility and effectivity in dry toner.

Applications and properties

Application

- Toner

Properties

- De-agglomerated external additive for dry toner which offers excellent dispersibility
- External additive with high and stable negative triboelectric charge
- High hydrophobicity combined with small agglomerate-size providing high flowability to dry toner, also under high humidity conditions

Safety and handling

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Operations, Product Safety Department, E-MAIL sds-im@evonik.com We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

AEROSIL® RY 200 L is supplied in multiple-layer 5 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. We recommend to use AEROSIL® RY 200 L within 2 years after date of manufacture.

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