

Product Information

▶ AEROSIL[®] R 972 Pharma

Hydrophobic Colloidal Anhydrous Silica

AEROSIL[®] R 972 Pharma is a high purity, amorphous, anhydrous, hydrophobic colloidal silica for use in pharmaceutical products (tested according to Ph. Eur. monograph 2208).

Applications and Properties

Applications

- Pharmacy, especially solid dosage forms and emulsions

Properties

- Glidant for improving powder flow, especially suitable for very hygroscopic and/or cohesive powders
- Viscosity adjuster for thickening of non-polar pharmaceutical oils
- Stabilizer for water in oil (W/O) emulsions
- May be used to adjust release behavior of active ingredients

Drug master file

- DMF1115

Physico-chemical Data

<i>Properties</i>	<i>Unit</i>	<i>Typical Value</i>
Specific surface area (BET)	m ² /g	110 ± 20
Tapped density* (approx. value) according to DIN EN ISO 787/11, Aug. 1983	g/l	50
Identification	-	complies with tests A and B
Chlorides	ppm	≤ 250
Heavy metals	ppm	≤ 25
Water dispersible fraction	wt. %	≤ 3.0
Loss on ignition*	wt. %	≤ 6.0
Assay (SiO₂-Content) Tested according Ph. Eur.	wt. %	99.0 - 101.0

* *ex plant*

The data represents typical values and not production parameters.

Safety and Handling

With every sample or initial shipment of our products we will send a Material Safety Data Sheet. Of course, you can also request an MSDS or any other information regarding product safety at any time, or download it as a registered user at www.aerosil.com.

Packaging and Storage

AEROSIL® R 972 Pharma is supplied in multiple layer 10 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. Shrink-wrapped pallets should be resealed after the removal of individual bags.

AEROSIL® R 972 Pharma should be used within 2 years after production.

Registration

AEROSIL® R 972 Pharma				
CAS-No.	EINECS	TSCA (USA), AICS (Australia), DSL (Canada), PICCS (Philippines)	ENCS (Japan)	ECL (Korea)
68 611-44-9	271-893-4	Registered	1-548; 7-476	KE-10116

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