

MIRALON® Pulp

Product Description

MIRALON® Pulp is a carbon-based, multi-purpose additive that, when integrated into various matrix systems, enhances material properties. Systems incorporating MIRALON® Pulp require very low loading percentages (<1% for electrical [system-dependent] and <10% for mechanical) when compared to conventional fillers, thus preserving more of the base material properties.

MIRALON® Pulp has been proven to enhance thermoplastic and thermoset resins, silicone elastomers, polymer fiber-reinforced composites, coatings, and adhesives.

Applications

- EMI & ESD protection
- Bonding of conductive elements
- Adhesion and reinforcement modifier
- Corrosion inhibiting additive
- Protective coatings

Features

- Electrically conductive
- Thermally conductive
- Lightweight
- Flexible

Typical Physical Properties

Unless otherwise stated, the data were determined with typical production batches using standard test methods. They are typical values only, and do not constitute a product specification. MIRALON® Pulp is packages as bulk material consisting of soft agglomerates that can be dispersed to achieve target properties or as a masterbatch.

Property	Value
Bulk(packaged) density, g/cm ³	0.05
Skeletal density, g/cm ³	2.5
Specific surface Area, m ² /g	200
Moisture Content (wt % at 25°C)	< 2
Temperature Operating Range, °C / °F	-200 to +200 / -328 to +392
Maximum Processing Temperature, °C / °F	350 / 662
pH (aqueous)	6

Storage

MIRALON® Pulp should be stored in a cool, dry place, in its sealed original container, away from direct sunlight. Under these storage conditions, the shelf life is **12 months from date of manufacture**.

Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to SDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

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