

DBH-100

Description

Excellent resistance against chlorine in SPANDEX Polyurethane.
High transparency, Good dispersibility into fiber.
Improve the discoloration resistance of SPANDEX.

Formula $Mg_5(CO_3)_4(OH)_2 \cdot 4H_2O$

Cas No / EU No 7760-50-1 / 231-851-8

Specifications

| | | |
|-----------------------------|-------------------|----------------------|
| Particle Size d(0.5) | μm | Max 4.0 |
| d(0.9) | μm | Max 10.0 |
| Appearance | - | White Powder |
| Drying Loss (105°C for 1hr) | % | Max 2.0 |
| pH | - | 9.00±1.0 |
| MgO | % | 26.0±1.0 |
| Tap Bulk Density | g/cm ³ | 0.3±0.5 |
| Heavy Metals | ppm | RoHS Certified / N.D |

Handling

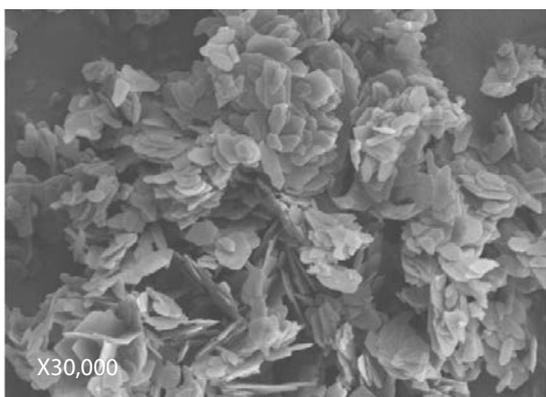
| | |
|------------------|---|
| Usage | Add 1.0 ~ 4.0% for spandex fiber |
| Packaging | Paper bags, PE inner liner, 20kg net, 600kg/pallet |
| Storage | Cool, Dry and well ventilated area at room temperature Firmly close the package, once open |

* For additional handling and toxicological information, consult the DOOBON Material Safety Data Sheet.

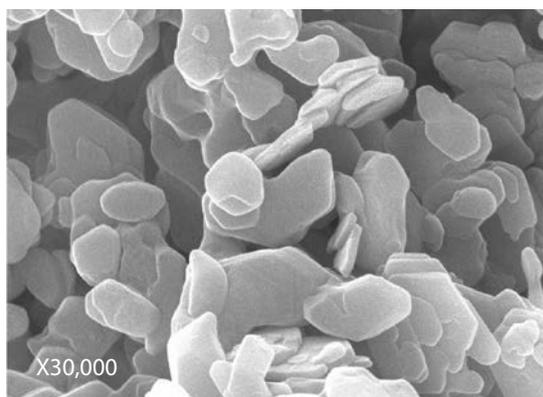
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DBH-100

SEM image of Hydromagnesite



DBH-100(HM)



Hydrotalcite(HT)

SPANDEX with DBH-100(HM) & Hydrotalcite(HT)



DBH-100(HM)



Hydrotalcite(HT)

Features of DBH-100

Chlorine Resistance Hold chlorine anion during ion exchange

Thermal Resistance Improve dyeing ability of Spandex Fiber

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