

# POWDER POLYETHYLENE UM8510

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## POWDER POLYETHYLENE

### Properties

### Powder Properties

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## Properties

| Item                  | Unit    | Nominal value | Test method |
|-----------------------|---------|---------------|-------------|
| MFR                   | g/10min | 24            | ASTM D1238  |
| Tensile strength      | MPa     | 10            | ASTM D638   |
| Tensile elongation    | %       | 600           | ASTM D638   |
| Hardness              | (HDD)   | 44            | ASTM D2240  |
| Vicat softening point | °C      | 80            | ASTM D1525  |
| Brittle temperature   | °C      | <-70          | ASTM D746   |
| Melting point         | °C      | 104           | UBE method  |

## Powder Properties

| Item          | Unit              | Nominal value | Test method |
|---------------|-------------------|---------------|-------------|
| Bulk density  | g/cm <sup>3</sup> | 0.36<         | UBE method  |
| Particle size | mesh pass         | 20            | UBE method  |

\* These values are typical properties and not to be considered as specifications.

## Features

- Color : Natural
- Adhesion

## Applications

- Adhesive for fabric
- Fiber, Paper