



La colla da noi fornita ha le seguenti caratteristiche:

## TPU 4046

TPU 4046 .is a thermoplastic polyurethane powder without plasticizers and, to the best of our knowledge, compliant with most of the currently used restricted substances lists in the textile industry.

It can be used with water based, solvent based and plastisol based inks.

### Physical Properties

|                                    |        |                   |                |
|------------------------------------|--------|-------------------|----------------|
| Melting range                      | Kofler | °C                | on: 75 off: 95 |
| Melting point                      | DSC    | °C                | 75             |
| Melt-flow rate (2.16kg), $\pm$ 20% | 160 °C | g/10min           | 20             |
| Density                            |        | g/cm <sup>3</sup> | 1.16           |

### Other Parameters

|                                 |       |   |     |
|---------------------------------|-------|---|-----|
| Washing resistance              | 40 °C |   |     |
| Elongation at break (ASTM-D412) |       | % | 930 |

### Delivery units and Storage conditions

|            |                                                                                                                                                                   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Units      | 20 kg PE-bags, big-bags                                                                                                                                           |
| Conditions | Must be stored dry at temperatures <40°C<br>High temperatures and pressures can cause blocking. Pallets must not be double stacked.<br>Storage life is 12 months. |

### Particle sizes\*\*

|                  |
|------------------|
| 80 – 200 $\mu$ m |
|------------------|

\*\* other particle sizes possible on customer request

The data presented in this data sheet represent typical properties and are based upon currently available knowledge.

This information does not relieve the user of the need to confirm the data and suitability with their own tests.

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