

PRODUCT INFORMATION

19053

INDOSIL 100/TS 3

GENERAL PROPERTIES

Specifications

| | |
|------------------|--------------|
| Particle Size | 75 ± 5 µm |
| pH | 6.50 – 7.50 |
| Moisture Content | Max 6.5 wt.% |
| Ignition Loss | Max 5.0 wt.% |

Typical Properties

| | |
|--------------------|----------------------------|
| Appearance | White Powder |
| Surface Area (BET) | 150 ± 50 m ² /g |
| Ram Density | 220 ± 20 g/l |
| Oil Absorptor | 300 ± 20 m/100g |

Chemical Properties

| | |
|--------------------------------|-------------------------|
| Silica Content | min 98 wt.% (dry basic) |
| Fe ₂ O ₃ | Max 0.004 ppm |

APPLICATIONS

General Rubber
Footwear (Shoes)
Tire

HANDLING

Use in the well – ventilated areas or wear approved respirator to avoid inhalation. Since dry powders such as INDOSIL 100/TS 3 can build static electrical charges, proper safety precautions should be taken when handling inflammable or explosive liquids.

FUNCTION

- Rubber:
 - Giving Industrial belts and hoses superior strength and durability with high resilience (while improving heat resistance and tear strength)
- Footwear (Shoes):
 - Increasing abrasion resistance and tear strength.
 - Providing superior durability and resilience while improving compound stiffness and modulus for all types of rubber soled footwear.
- Tire:
 - Improving rolling resistance, wet traction and other dynamic properties.

STORAGE

Like all Indosil products, TS 3 should be stored in a dry environment away from chemical vapors to maintain its properties.

PACKING

Indosil is supplied in bags

TOXICITY

The dust from Indosil 100/ TS3 is not toxic and does not cause fibrosis.