

TECHNICAL DATA SHEET**Identification of the product and of the company/undertaking****Product identifier**

7993115022 Polishing Foam Pad 150x25mm Black M Waffle

Details of the supplier:

Company: Mirka Ltd
Address: Pensalavägen 210
FI-66850 Jeppo, Finland
Phone: +358 20 760 2111
National contact: sales@mirka.com

Description

A pad made of a foam glued together with a grip backing. Intended for polishing metal and plastic surfaces.

Properties

Color: Black / Dark Grey
Dimension Foam: 150 mm \pm 1 mm
Dimension Grip: 139 mm \pm 1 mm
Thickness: 25/20 mm \pm 1 mm
Weight: 1500 g/m² \pm 9%

Grip

Fiber Top layer: Nylon filament yarn 60D/144F 80%
Fiber Grip Bottom: Polyester 150D/144F 20%
Weight: 220g/m² \pm 5%
Tensile strength: 492N

Foam

Material Foam: Polyester
Density: 41 – 45 kg
Compression Resistance: 9 – 11
kPa
Cellcount: 22 – 24 Z/cm
Ultimate Elongation: \geq 170 %
Tensile Strength: \geq 420 kPa
Temperature resistant: 130 °C

Glue

Type: PUR Polyurethane
Weight: 190 g/m² \pm 5%
Density: 1.1 g/cm³
Temperature resistant: 150 °C



General Requirements

The following tests are performed on each batch:

Velcro adhesion test (MR10)

The force required to separate the hook from the Velcro is measured Initial value after 10, 20 and 50 separations are measured.

Polishing stress test (MR11)

The pad is tested on a polishing machine.
The number of spots needed to break the pad is measured.

Wash test (MR12)

Wash test in 95 degrees Celsius with washing compound to control resistance to heat and water.

