

TECHNICAL DATA SHEET**1. Identification of the product and of the company/undertaking****Product identifier**

Polishing Foam Pad Yellow Flat and Waffle Sizes: 85 mm, 135 mm, 150 mm, 200 mm

Details of the supplier:

Company: KWH Mirka Ltd

Address: Pensalavägen 210

FI-66850 Jeppo, Finland

Phone: +358 20 760 2111 Fax: +358 20 760 2290

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Opening hours: Monday – Friday at 08:00 a.m. – 04:00 p.m. (UTC/GMT +2:00/+3:00)

2. Product Description

Pad made of foam glued together with grip backing.

3. Intended Use

Polishing of metal and glass surfaces.

4. Typical PropertiesGrip Cloth

Fiber Top Layer:	Nylon filament yarn 60D/144F - 80 %
Fiber Grip Bottom:	Polyester 150D/144F – 20 %
Weight:	220 g/ m ² ± 5 %
Tensile Strength:	492N

Foam

Material Foam:	Polyester
Compression Resistance:	8,5 – 14 kPa
Cell Diameter:	640 – 840 Micron
Ultimate Elongation:	≥ 175 %
Tensile Strength:	≥ 325 kPa
Tear Resistance:	≥ 9 N/cm
Temperature Resistant:	130° C

Glue

Type:	PUR Polyurethane
Weight:	190 g/ m ² ± 5 %
Density:	1,1 g/cm ³
Temperature resistant:	150° C



5. Colour

Yellow

6. General requirements

The following tests are performed on each batch:

Grip Adhesion Test (MR10): The force required to separate the hook from grip cloth 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 time needed to brake the pad is measured.

Wash Test (MR12):

Wash test in 95° C with washing compound to control resistance to heat and water.

