

# Shell

## Product Description

**Overview:** is a compact yet luxurious piece of furniture, perfect for small spaces or as a standalone accent chair. Designed with comfort in mind, it features plush cushioning and ergonomic support, enveloping the sitter in a cozy embrace. The sofa is often upholstered in high-quality fabric or leather, available in a variety of colors and textures to complement any interior style. Its sleek frame, often crafted from sturdy wood or metal, ensures durability while maintaining a minimalist aesthetic. Ideal for reading, lounging, or simply relaxing, this single-seat sofa adds both style and functionality to any living space. • fully upholstered: Available in a range of fabrics or leather offering variable styles to match different interior designs.

- fully upholstered: Available in a range of fabrics or leather offering several styles to match different interior designs.
- medium back and deep seat for relaxed, casual sitting.
- Provided with glides, with felt insert

Available over all dimension

-W 960 mm - D 700 mm-H 690 mm ◦ SEAT HEIGHT 440 mm

## Materials

1-seats: construction - internal frame made of plywood and soft wood.

Plywood specification

- Grade: Classified into Class I, II, III, IV based on face appearance according to UNI EN 635-2:1996.
- Standards: Conforms to UNI EN 314:2005 (Bonding), UNI EN 315: and other relevant standards.
- Thickness Range: [e.g., 4 mm to 40 mm]
- Size Range: [e.g., 1220 mm x 2440 mm]

Physical-Mechanical Characteristics

- Density: 400-470 kg/m<sup>3</sup> (12 mm thickness)
- Moisture Content: 6-12%
- Formaldehyde Emission:  $\leq 3.5$  mg/m<sup>2</sup>/h (Class E1)

2. Fabric high-quality fabric with assorted colors. It has a composition of 55% acrylic and 45% polyester and a weight of 290 g/m<sup>2</sup>. It has a tensile strength of 222N and abrasion resistance of average 40,000 rubs. All the properties measured according to BS EN ISO / 12947 - 2, 1999 and EN ISO 13934-2

3-metal leg: consist of 12 mm steel sheet According to European standard EN 10131.

4-Wood\*: Melamine MDF-E1 According to European standard EN 13986 Density EN 323 780 ± 5% Kg/m<sup>3</sup> or chipboard Tricolored S5 (CARB FASE 2) Density EN 323 700 ± 7% Kg/m<sup>3</sup> According to Italian national standards UNI U41101400, 9/18 mm thick, with PVC lipping (Medium Density Fiberboard).

All wood used have a quality certificate for low formaldehyde emission according to CATAS laboratories and FSC certificate.

5-Foam:

shaped polyurethane of different density,

Product: Lupranat\* T 80 A

(ID no. 30065335/SDS\_GEN\_EU/EN)

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Lupranat\* T 80 A

Chemical name: m-tolylidene diisocyanate; toluene-diisocyanate

INDEX-Number: 615-006-00-4

CAS Number: 26471-62-5

REACH registration number: 01-2119454791-34-0013, 01-2119454791-34-0000,

01-2119454791-

34-0003

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Chemical, Raw material

Recommended use: polyurethane component, industrial chemicals

For the detailed identified uses of the product see appendix of the safety data sheet.

## 7-leather specification and test

### Test Results

- Thickness of Sample:  
Result: 1.1 mm  
Type of Test: Thickness of Sample
- Weight of Sample:  
Result: 514 gm/m  
Type of Test: Weight of Sample
- Elongation (carrying 2 kg):  
Result: 20%  
Type of Test: Elongation when Carrying 2 kg
- Tensile Resistance:  
Result: 80%
- Rank (Performance Level): C  
Type of Test: Tensile Resistance
- Tear Resistance (Test 1):  
Result: 55 kg/5cm
  - Rank (Performance Level): C
  - Specification Limits: 20 (B), 25 (C), 38 (A)
  - Type of Test: Tear Resistance
- Tear Resistance (Test 2):
  - Result: 34 kg/5cm
  - Rank (Performance Level): C
  - Specification Limits: 14 (B), 18 (C), 28 (A)
  - Type of Test: Tear Resistance
- Friction Test - Dry:
  - Result: 6.5 (1-5 Grey Scale)

- Rank (Performance Level): C
- Specification Limits: 3 (B), 4.5 (C), 5 (A)adds.
- Type of Test: Friction Test (Dry)
- Friction Test - Moist:
  - Result: 6.5 (1-5 Grey Scale)
  - Rank (Performance Level): C
  - Specification Limits: 3 (B), 4.5 (C), 5 (A)
  - Type of Test: Friction Test (Moist)
- Bend Resistance Test:
  - Result: 4 (1-5 Grey Scale)
  - Specification Limits: 4 (4-5)
  - Type of Test: Bend Resistance Test
- Bend Resistance Test Cycles:
  - Result: 50,000 cycles
  - Rank (Performance Level): C
  - Specification Limits: 100,000 cycles
  - Type of Test: Bend Resistance Test Cycles

according to the Egyptian Standard Specification 699.

### **Assembly**

The footie comes assembled.

### **Warranty**

This product has a one-year limited warranty against manufacturer defects.

### **Certifications**

## ISO 9001:2015

Quality management systems —  
Requirements

## ISO 14001:2015



Environmental management systems —  
Requirements with guidance for use

## ISO 45001:2018

Occupational health and safety  
management systems — Requirements  
with guidance for use

