

## Spanish chair

### Product Description

chair features sleek steel legs that offer both durability and a contemporary aesthetic. The plush seat ensures a comfortable experience, making it perfect for any workspace. The chair comes with a plastic armchair cover

### Features:

- **Metal Legs:** The chair is supported by sturdy metal legs. The metal frame provides stability and a modern aesthetic, often featuring clean lines and a minimalist design.
- **Chair base:** The base is a sturdy 5-star design made of plastic ensuring stability and durability, with smooth-rolling caster wheels for effortless mobility on various floor types.
- **Mesh design:** The chair covers can be ordered in Mobica range of fabrics. The mesh ensures excellent comfort, especially for long conferences and seminars, in addition to enabling bond to offer an extraordinarily translucent feeling.
- **Seat:** Experience the perfect blend of style and comfort with our plastic seat, beautifully covered in soft fabric or leather.
- **upholstered:** offering several styles to match different interior designs beautifully covered in soft fabric or leather.
- **Multi-function** stackable chair for use in meeting rooms, conference rooms, offices, waiting rooms, etc.
- **Mesh Color Choices:** black /white.
- 'Back Support Option: +adjustable lumbar support(AJ)
- Base/Y-Tower
- Height adjustable
- Adjustable footring

### ARMRESTS

1. No Arms
2. Height adjustable armrests attached to Seat frame, with soft touch elbow pads
3. Armrests adjustable 2d arm grade 6 hard arm rest top with writing tablet
4. Armrests comprise of curved rectangle sleeves in a black or white tactile, PVC-free elastomer material. Case in steel

Available over all dimension

-W 620 mm - D 500 mm-H 1215 mm -1475 mm

◦ SEAT HEIGHT 645 mm – 900mm

-W 570 mm - D 600 mm-H 850 ◦ SEAT HEIGHT 440mm

## **Materials.**

### **1 Fabric**

#### **Option 1**

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.

#### **Option 2**

Composition: 73% POLYESTER, 19% MODACRYLIC, 8% COTTON

Abrasion: 60.000 cycles UNE EN ISO 12947

Weight: 421 gr/m<sup>2</sup>

### **2-mesh:**

Description knitted fabric mesh.

-Fiber Content 100% Polyester Style No. 27011

-Abrasion Resistance (12 Kpa) (ASTM D4966 - 2012 Option 1-Martindale tester) At 100.000 movements No yarn broken

-Tensile Strength [Ref to ASTM D5035 - 11 - 2C-E Gut Strip method) Length direction 360 3 lb. Width direction 2A7.7 lb.

### **3-sponge:**

Density: 30kg/m<sup>3</sup> soft.

Tensile Strength: 0.117 - 0.122 MPa

Tear Strength: 231 - 248 N/m.

Elongation at Break: 259 - 280%

Rebound Test: 43%

Hardness: 478.47 N.

### **4-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.

**5-plastic parts:** made of HA 30 - GF 20 compound which is a low flow polypropylene 20% glass filled, with density 1.05 g/cm<sup>3</sup> specifically designed for injection molded thick wall technical parts with 55 MPa tensile strengths, low mold shrinkage of less than 1% & good dimensional stability, it is optimized for low warpage, and excellent molding properties. All properties measured according to ASTM D792 / D638.

6-foam

1.\*Material Composition: \*

- \*Foam Type: \* Polyurethane foam with a density of 65 kg/m<sup>3</sup>.
- \*Chemical Properties: \* Must conform to the chemical composition specified in

the relevant Egyptian standards.

2. \*Physical Properties: \*

- \*Density: \* 65 kg/m<sup>3</sup>.
- \*Compressive Strength: \* Minimum of 250 kPa (according to Egyptian

standards).

- \*Thermal Conductivity: \* Not exceeding 0.025 W/m·K.
- \*Flammability Rating: \* Must meet the requirements of Egyptian fire safety

standards.

9- Star Base: Injection moulded 5-star base with soft casters for hard floors

60mm soft wheel casters for hard floors

10- Metal Base: Φ25mm x 2 mm cold-rolled steel According to European standard EN 10204.

## Coating

- All metal parts coated with epoxy polyester, hybrid system for indoor applications.

Standards for powder coating according to:

Gloss capacity EN-ISO 2813

Impact test EN-ISO 6272

Bend test EN-ISO 1519

Cross cut test EN-ISO 2409 PSD: EN-ISO-13320

Film thickness EN-ISO 2360

All according to European and world standards

## Or nickel coating

## Assembly

The chair 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

