

Technical Requirements for

## MONOBLOC CHAIR, BEIGE

### PRODUCT SPECIFICATIONS

- Color: Beige, plain finish
- Dimension: Manufacturer's standard
- Thickness of Stress points of Chair (refer to attached picture/ drawing as Annex "A"):

Stress Points	Thickness, mm (minimum)
A	5.0
B	4.0
C	4.0
D	5.0
E	6.0
F	6.0
G	6.0
H	6.0
I	6.0
J	6.0

- With PS Quality Mark
- Markings shall be engraved/ embossed/ printed/permanent stickered on the item:
  - o Registered trade name or brand name
- Markings shall be printed in a sticker:
  - o Name and address
  - o Capacity in kg
  - o Usage indoor or outdoor
  - o The words " Made in the Philippines" or "Country of Origin" if imported
  - o Do not remove markings
- The chairs shall be marked for recycling according to ISO 11469 or equivalent and must not contain additions of other materials that may hinder their recycling.

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**EVIDENCE and VERIFICATION**

• **Documentary Evidence to be submitted during Post-qualification:**

- Valid test report from a government laboratory testing center or government accredited private laboratory testing center or third party laboratory testing center. In case there is no available government laboratory center or the required testing method is not available, the test may be conducted by a government accredited private testing center; or if still not available, by a third party laboratory testing center.
- ISO 11469 Certification or Technical dossier from the manufacturer with evidence that it does not contain additions of other materials that may hinder their recycling.
- Signs for Recyclability according to ISO11469 have the following appearance:



- **A Confirmatory Test during delivery** from a government laboratory testing center or government accredited private laboratory testing center or third party laboratory testing center. In case there is no available government laboratory center or the required testing method is not available, the test may be conducted by a government accredited private testing center; or if still not available, by a third party laboratory testing center.

- Thickness of Stress points of Chair (refer to attached picture/drawing):

Stress Points	Thickness, mm (minimum)
A	5.0
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- Shall conform with the requirements under Table 1 of PNS 1478:1998

Performance	Loading	Requirements
Seat Static Load Test	1,300 N 10 times	shall pass test

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Back Static Load Test	560N 10 times 1,300 N balancing load	390N min
Seat Fatigue Test	950 N 50,000 cycles	shall pass test
Back Fatigue Test	330 N 50,000 cycles	shall pass test
Leg Forward Static Load Test	500 N 10 times 1,000 N balancing load	385N min
Leg Sideways Static Load Test	390 N 10 times 1,000 N balancing load	320N min
Seat Impact Test	180 mm drop height 25 kgs mass 10 times	shall pass test
Back Impact Test	210 mm drop height 6 kgs mass 10 times	shall pass test
<b>Drop Test:</b>		
Front Leg	450 mm drop height 10 times	shall pass test
Back Leg	450 mm drop height 10 times	shall pass test
<b>Inspection and Assessment Results</b>		
a. The fracture or cracking of any member or joint, including seat suspensions, castors and structural shells		none
b. The loosening shown to be permanent by hand pressure applied to suitable members, or joints intended to be rigid		none
c. The loosening of the under frame or base inserts molded into a structural shell surface, shown to be permanent by means of hand pressure applied to the under frame or base		none
d. The free movement in the back, arms, legs or other components of the article greater than the noted in the initial inspection		none
e. The deformation of any part of the article or any cracks that will adversely affect its appearance		none
f. The impairment of the operation of any mechanical part (including any significant change in the seat height during any phase of the seat height adjustment tests)		none

*Handwritten notes in blue ink:*  
 2, 5, 8, 12, 15, 18, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200, 205, 210, 215, 220, 225, 230, 235, 240, 245, 250, 255, 260, 265, 270, 275, 280, 285, 290, 295, 300, 305, 310, 315, 320, 325, 330, 335, 340, 345, 350, 355, 360, 365, 370, 375, 380, 385, 390, 395, 400, 405, 410, 415, 420, 425, 430, 435, 440, 445, 450, 455, 460, 465, 470, 475, 480, 485, 490, 495, 500, 505, 510, 515, 520, 525, 530, 535, 540, 545, 550, 555, 560, 565, 570, 575, 580, 585, 590, 595, 600, 605, 610, 615, 620, 625, 630, 635, 640, 645, 650, 655, 660, 665, 670, 675, 680, 685, 690, 695, 700, 705, 710, 715, 720, 725, 730, 735, 740, 745, 750, 755, 760, 765, 770, 775, 780, 785, 790, 795, 800, 805, 810, 815, 820, 825, 830, 835, 840, 845, 850, 855, 860, 865, 870, 875, 880, 885, 890, 895, 900, 905, 910, 915, 920, 925, 930, 935, 940, 945, 950, 955, 960, 965, 970, 975, 980, 985, 990, 995, 1000

g. The development of any clearly audible noise as a result of testing	none
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- **In-house Test:**

- o Color: Beige, plain finish
- o Dimension: Manufacturer's standard
- Two (2) units with marking/labeling shall be provided by the bidder during the submission of additional post-qualification documents for verification of the product specifications.

## PACKAGING

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- Twenty-five (25) pieces per stack
- Additional Requirement on Packaging, refer to the attached Annex "A"

## MARKING/LABELING

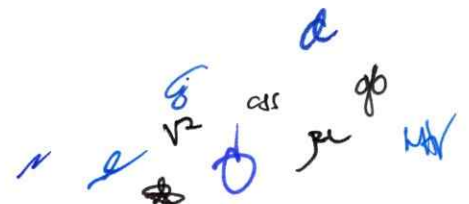
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- Shall conform with the minimum Marking and Labeling Requirements under Article 77 of Republic Act 7394 (Consumer Act of the Philippines) whichever is/are applicable among those requirements to this item.
- With PS Quality Mark
- Markings shall be engraved/ embossed/ printed/permanent stickered on the item:
  - o Registered trade name or brand name
- Markings shall be printed in a sticker:
  - o Name and address
  - o Capacity in kg
  - o Usage indoor or outdoor
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## REFERENCES

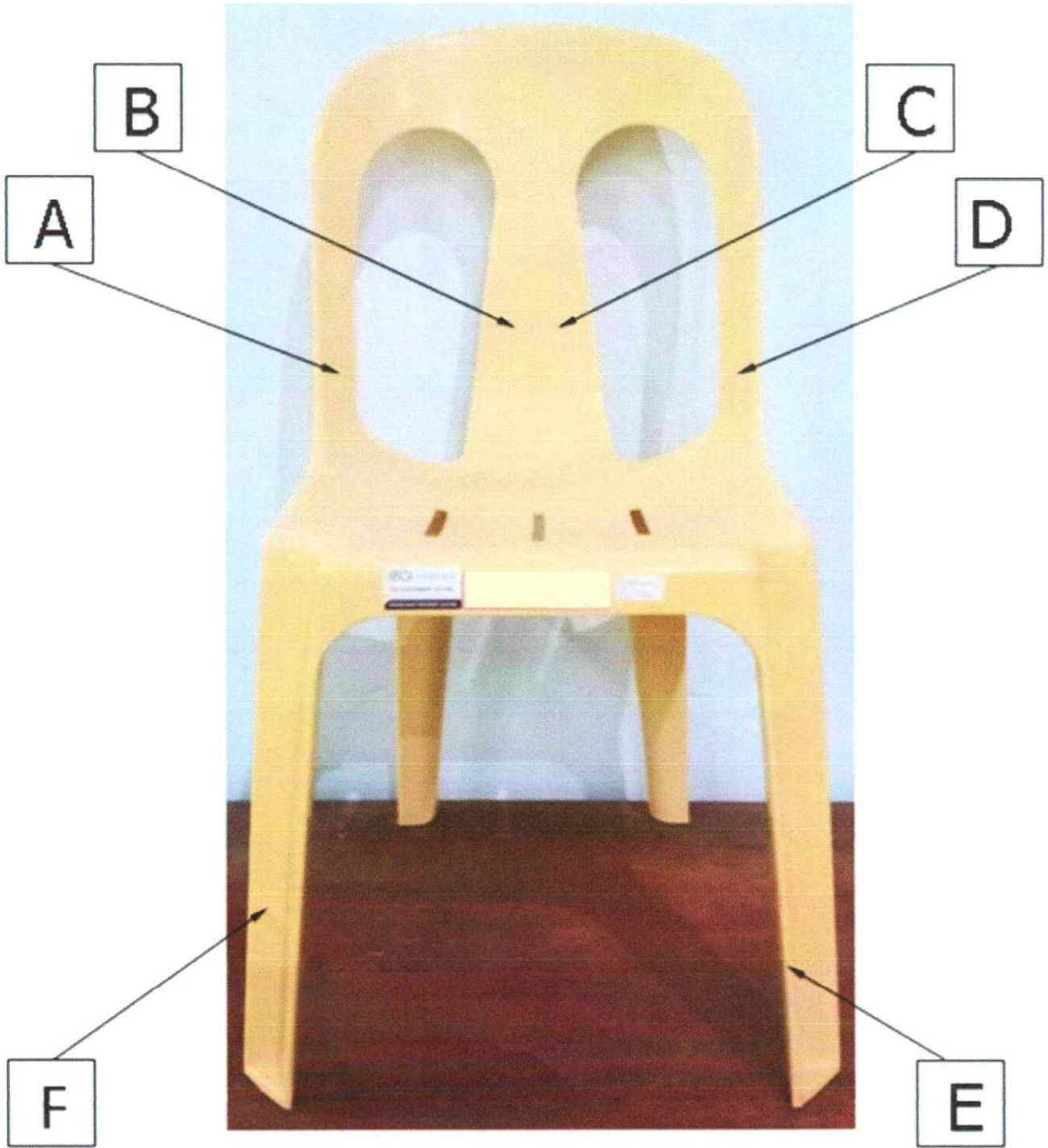
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- *PNS 1478:1998*



ILLUSTRATION

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5 Technical Requirements for Monobloc Chair, Beige

Handwritten notes in blue ink, including symbols like a circle with a dot, a circle with a slash, and various scribbles.