Unit 3 - Week 2

Assignment 2

Due on: 2020-08-12, 23:59 UTC

Course outline

First draw on NMF's online course page and read the unit.

Week 1

Week 2

- Overview, Terminology of pattern melting
- Pattern Melting and pattern making
- Pattern Melting as described by the specific geometry of the materials
- Pattern Melting of specific materials
- Pattern Melting as described by the specific geometry of the materials

Week 3

- Exercise 1: The use of pattern Melting
- Exercise 2: The use of pattern Melting

Week 4

- Exercise 3: The use of pattern Melting
- Exercise 4: The use of pattern Melting

Supplementary videos

- Exercise 5: The use of pattern Melting
- Feedback

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1. Which of the following measures can be used to reduce the number of defects?
   - A. Reducing the speed of the machine
   - B. Increasing the temperature of the material
   - C. Reducing the humidity of the environment
   - D. Increasing the pressure on the materials

2. The properties of a material can be divided into:
   - A. Mechanical properties and chemical properties
   - B. Thermal properties and electrical properties
   - C. Physical properties and mechanical properties
   - D. Both A and C

3. The density of materials can be calculated as:
   - A. Volume / Mass
   - B. Mass / Volume
   - C. Mass / Density
   - D. Volume / Density

4. Which of the following would reduce the number of defects?
   - A. Reducing the speed of the machine
   - B. Increasing the temperature of the material
   - C. Reducing the humidity of the environment
   - D. Increasing the pressure on the materials

5. Web potatoes are:
   - A. An example of a pattern melting
   - B. An example of a pattern making
   - C. An example of a pattern cutting
   - D. An example of a pattern welding