

Unit 3 - Week 2

Course outline

How does an NPTEL online course work?

Week 1

Week 2

Extrusion-I

Extrusion-II

Compression molding

Injection molding-I

Injection molding-II

Quiz : Assignment 2

Solution For Assignment 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Text Transcripts

DOWNLOAD VIDEOS

WEEKLY FEEDBACK

Assignment 2

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-02-12, 23:59 IST.

1) Compound extrusion is a process of mixing one or more plastic with an additive to give plastic compounds. 1 point

True

False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

2) One of the major functions of rotating screw in extrusion process is to generate the pressure to push the molten material through die. 1 point

True

False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

3) In the open flash molds, no allowance is provided for placing excess powder in the cavity. 1 point

True

False

No, the answer is incorrect.

Score: 0

Accepted Answers:

False

4) Extrusion coating is generally used to make an additional layer onto an existing roll stock of paper, foil or film. 1 point

True

False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

5) _____ is the most commonly used polymer in textile industry. 1 point

Polyethylene

Epoxy

PVC

Nylon

No, the answer is incorrect.

Score: 0

Accepted Answers:

Nylon

6) The common types of mold designs in context of compression molding are: 1 point

1 Semi-positive

2 Open flash

3 Fully positive

1 and 2

1, 2 and 3

1 and 3

2 and 3

No, the answer is incorrect.

Score: 0

Accepted Answers:

1, 2 and 3

7) Compression molding is used for molding of; 1 point

Polyethylene

Epoxy

Both A and B

None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both A and B

8) The function of a _____ in the extrusion process is to remove contaminants present in the melt. 1 point

Barrel

Screen pack

Lead screw

Die

No, the answer is incorrect.

Score: 0

Accepted Answers:

Screen pack

9) The purposes of a breaker plate in extrusion process are to; 1 point

1 Reinforce the screen pack

2 Heat the material

3 Create back pressure

1 and 2

1 and 3

2 and 3

1, 2 and 3

No, the answer is incorrect.

Score: 0

Accepted Answers:

1 and 3

10) The main process parameters that needs to be controlled, in case of extrusion process are; 1 point

1 Melting temperature of plastic

2 Speed of the screw

3 Cooling medium

1 and 2

1 and 3

1, 2 and 3

2 and 3

No, the answer is incorrect.

Score: 0

Accepted Answers:

1, 2 and 3