



German **Plastics** Center

CERTIFICATE OF PARTICIPATION

German Plastics Center SKZ certifies that

Santanu Chowdhury

has participated in the SKZ training course

Polymer Essentials

a highly practical and intensive 2 day course

Course Description

This course provided a solid foundation for understanding the types and properties of plastics, manufacturing and processing technologies of plastics, as well as quality assurance of plastics. Key terminologies were taught to help communicate and solve problems within the polymer industry.

Course Outline

- Plastics materials: chemical structure and physical behavior
- Classification (thermosets, elastomers, thermoplastics, semi-crystalline, amorphous)
- Major modifications (fiber reinforced, impact modified, etc.)
- Identification of plastics with confidence
- Machines and process technologies for: Injection molding, extrusion, blow molding
- Applications, joining of plastics: Welding and adhesive bonding
- High-performance plastics and thermoplastics elastomers
- Green Polymers: Sustainable Bioplastics, Biodegradable Plastics, Plastic Recycling

Duration

16 Hours

Date of issue

06 April, 2016




Course Instructor: Eng. Stefan Fleischmann