

THE ACADEMY CATALOGUE



MAY 2026

CONTENTS

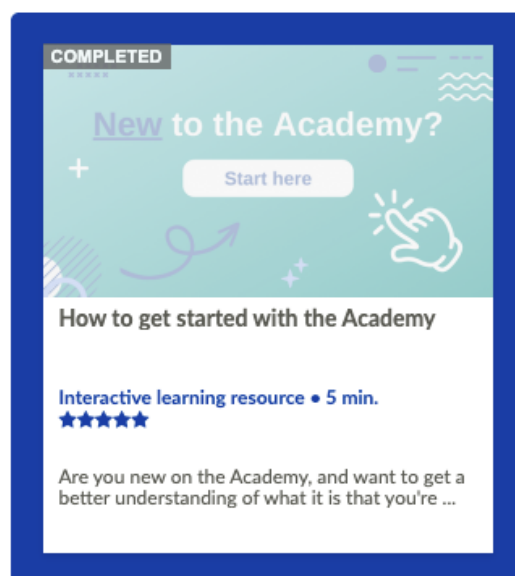
This catalogue lists all of our learning resources into the below categories

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ARE YOU NEW TO THE ACADEMY?

Check out the Learning Course 'How to Get Started with The Academy' for a quick tour of the platform and guidance on how to get the most out of it.

Quick start guide



POLYMERS

TITLE	TRAINING TYPE
The Basics of Plastics	Extended Course
The Polymer Pyramid Explained	Extended Course
Polymer Chemistry Fundamentals	Extended Course
Metal Replacement with DOMO	Extended Course
Polymer Properties & Test Methods	Extended Course
Polyethylene (PE): Basics	Nugget
Polyamide (PA): Basics	Nugget
Polymethyl Methacrylate (PMMA): Basics	Nugget
Introduction to Thermoplastic Elastomers (TPE)	Nugget
Polystyrene (PS): Basics	Nugget
Polyoxymethylene (POM): Basics	Nugget
Polypropylene (PP): Basics	Nugget
Acrylonitrile Butadiene Styrene (ABS): Basics	Nugget
Polybutylene Terephthalate (PBT): Basics	Nugget
Polycarbonate (PC): Basics	Nugget
Polyvinyl Chloride (PVC): Basics	Nugget
Polymer Blends and Alloys: Basics	Nugget
Plastics in EV Chargers	Nugget
Bio-Plastics for Healthcare Applications	Nugget
Sea Plastics Differently by Oceanworks®	Nugget
Plastics in Electric Vehicles (EVs)	Nugget
Polymer Pyramid Infographic	Infographic
Amorphous vs Semi Crystalline Polymers	Video
What is PFAS?	Video
Polyethylene Terephthalate (PET): Basics	Nugget

TITLE	TRAINING TYPE
Stress, Strain & Tensile Strength	Video
Polymer Flammability Performance	Video
Melt Flow vs Viscosity	Video
Categories of Test Methods	Video
Glass Transition Temperature vs Melting Temperature	Video
Electrical Properties of Polymers	Infographic
<i>new!</i> What makes the Price of a Polymer?	Infographic
<i>new!</i> Recycled ETPs in High-End Applications with RME	Extended Course
<i>new!</i> Optical Properties of Polymers	Infographic

DESIGN & PROCESSING METHODS

TITLE	TRAINING TYPE
Troubleshooting for Injection Moulding	Extended Course
Polymer Processing Methods	Nugget
Introduction to Injection Moulding	Nugget
Introduction to Extrusion	Nugget
Introduction to Rotomoulding	Nugget
The Effective Purging Method by Aquapurge	Nugget
Hot Runner or Cold Runner? by Gunther UK	Nugget
Why Dry Polymers?	Nugget
Why Simulation?	Nugget
Why Dry Polymers?	Infographic
Design for Precision: Shrinkage	Infographic
The C's in PE	Infographic
Key Questions to Ask When Designing a New Plastic Part	PDF Quick Guide
new! Understanding Shrinkage in Plastics	Nugget
new! Introduction to Film	Nugget
new! Design for Precision: Warpage	Infographic

SUSTAINABILITY

TITLE	TRAINING TYPE
Sustainable Plastics: Materials, Measuring Sustainability & Circular Design	Nugget
Sustainability Acronyms Explained	Video
Understanding ISCC	Nugget
<i>new!</i> LCA of Medical Devices. Sponsored by Team Consulting	Nugget

MARKETS

TITLE	TRAINING TYPE
Trends in Healthcare	Nugget
Plastics in Healthcare	Nugget
Plastics in Mobility	Nugget
Plastics in Electrical & Electronics	Nugget
Plastics in Consumer Goods	Nugget
Plastics in Packaging	Nugget

QUALITY & SAFETY

TITLE	TRAINING TYPE
Starter Guide to Polymer Documents	Nugget
Material Claim Checklist	XLS File
Claims Quick Guide	PDF Quick Guide

HOW TO ACCESS THE ACADEMY

1. Login/Register to ultrapolymers.com

Login to ultrapolymers.com via this [link](#) ✨

If not yet registered, submit a request for registration [here](#) ✨

2. Await Account Verification

Your details will be verified with our team and for buying customers, your data will be synced so you can view your products, orders, quotes, download documents etc.

While you wait, explore our [product](#) portfolio, read our [insights](#) articles on industry hot topics, or visit our [sustainability](#) pages to learn about the various sustainable polymers available today and designing for sustainability.

3. Create your Academy Account

Once your details have been verified, you will receive an email to confirm this.

Login to your account to see your initials and name appear on the right hand side of the screen with a drop down menu to visit pages associated with your account.

Click on 'Academy' to go to our e-learning platform.

