

WW - WORK CYCLE User Management

Welcome to our Shanghai Polymer Characterization Lab

PCL Leader: [Magnus Pan](#)

? Unknown Attachment

Specialty Polymers are innovative, top-tier solutions and **Solvay** is the leader, offering the world's broadest portfolio of these advanced materials. Our focus is on engineering innovation and we work with our customers at the forefront of their market.

The **Polymer Characterization Lab (PCL)** team in **Shanghai Technology Center (STP)** has a key role collaborating with R&I product development (engineered materials), ADL (application development lab), commercial functions, procurement and manufacturing for the characterization and testing of all the GBU materials.

With this wiki page, you will find information about our teams, competencies and capabilities to better address your requests. We Hope it will be helpful to you. For the comprehensive information for each technique, please refer to our **handbook** (access restricted to technique colleagues).

Mission

Our Purpose is to,

- Support business & manufacturing through **problem solving and unique capabilities**
- Accelerate product development through **advanced characterization capabilities and expertise**
- Leveraging and sharing of **best practices and unique analytical methods** across various functional teams globally

? Unknown Attachment

Who We Are

Shanghai PCL was part of China Engineered Materials previously, and just joined **Global Core Labs** team reporting to **Silvia Petricci** (Bollate Analytical and Materials Characterization department manager) since March 2023.

Besides international **ASTM/ISO/GB** references, proprietary methods are developed and applies for structural characterization and testing of the whole GBU product portfolio. Standard and complex analysis are provided with a multi-techniques approach aimed to support research development, investigate material compositions and understand the performance of materials in their final applications.

Lastly, the **state-to-art techniques and methods** are keeping explored and updated to make us stay competitive.

? Unknown Attachment

Our Organization

Team Member	Capability Owner	Special Role
Qi Chen	DSC, TGA, FTIR, TMA (CLTE), Thermal balance	Lab operation leader, coordinator for external resource
Tingting Zhang	Optical Microscope, IV, UV-vis, Refractometer, Aging Test	Lab project leader (trouble shooting, deformation, teardown, etc)
Xiaojie Zhou	Tensile, Flexural, Impact, HDT, LCR, MFR	Aging testing coordinator
Mengjun Guo	Shrinkage, Ash, Density, ARES, Glow Wire, Flammability, Resistivity	Wego project coordinator
Magnus Pan (Lab leader)		
Shipment Address: Qi Chen, Songting building 2F, Solvay (China) Co., Ltd. 3966 Jindu Road. Minhang District, 201108 Shanghai China, Tel: +8613817226093 13817226093 39662		

? Unknown Attachment	? Unknown Attachment
Qi Chen	Tingting Zhang
? Unknown Attachment	? Unknown Attachment
Xiaojie Zhou	Mengjun Guo

? Unknown Attachment

PEOPLE

ASSETS

ON GOING

25 May 2023

 monthly update

<p>New colleagues:</p> <ul style="list-style-type: none"> • Jonathan Pisoni - Technician in the Chromatography team • Andrea Lunghi: Temporary in the Spectroscopy team • Filippo Interlandi - ITS stage in Spectroscopy team • Lorenzo Tirloni - ITS stage in Chemical Resistance lab 	<p>Solution & Formulation Chemistry Lab:</p> <ul style="list-style-type: none"> • Lumisizer • Tensiometer K100C by Kruss <p>Spectroscopy Lab:</p> <ul style="list-style-type: none"> • Nicolet iS50 FT-Raman (with ATR and standard transmission module) 	<p>Building 109:</p> <ul style="list-style-type: none"> • Revamping of the Mechanical and Rheology Labs completed. • Creation of the offices for the team is ongoing.