



AGC Chemicals Americas' Material Technology Group provides full technical service and product development support as well as laboratory testing for LUMIFLON® FEVE resins for liquid and powder formulations, processing, and analysis.

**Testing Capabilities
for Liquid and Powder Coatings**

- Surface appearance
 - Gloss, color, Distinctness of Image (DOI), haze, reflective index
- Crosshatch adhesion
- Flexibility
- Film hardness
 - Persoz pendulum, pencil
- Impact/reverse impact
- Abrasion resistance
- Scratch resistance
- Chemical resistance
- Acid resistance
- Viscosity/melt viscosity
- Particle size analysis
- Pill flow (powder)
- Electrochemical Impedance Spectroscopy (EIS)
- Differential Scanning Calorimetry (DSC)
- Thermogravimetric Analysis (TGA)
- Scanning Electron Microscopy with Energy Dispersive X-Ray Spectroscopy (SEM-EDX)
- Gas Chromatography/Mass Spectroscopy (GC/MS)
- Fourier Transform Infrared (FTIR) spectroscopy
- Accelerated weathering
 - QUV, cyclic prohesion, humidity, Xenon-Arc

Contact your LUMIFLON FEVE technical sales representative for more information about our products and services or to schedule a lunch and learn at info@lumiflonusa.com.



Formulation Capabilities

Liquid Coating

- Dispersion blade mixers
- Horizontal media mill
- Planetary mixer
- Liquid spray booth

Powder Coating

- Laboratory twin screw extruder
- Electrostatic spray application
- Mill/sieving



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