

Case History of Work Related Analytical Reverse Engineering and Problem Resolutions in the Market Place

Most Recent Cases:

1. Collins & Aikman now Industrial Automotive Components
Cause and Source of a Major problem they were unable to solve for six months done in 48 hours.
2. Celgard (Former Celanese Film Divisions)
Problem resolution on two occasions with polyolefins e.g. polypropylene and polyethylene. Reverse Engineered resins and cause of problems in film plant operations.
3. IPAS Medical, Raleigh, NC
Reverse Engineering of a polyacetal. Cause of irritation found.
4. Inspections Too, Dallas, Texas
Determination of post fire damage plate-out and migration from walls in house.
5. Professional Testing Labs, Dalton, Georgia
Multiple cases in the last four years. Insurance claims, legal issues.
6. Hi-Lex Polymer, North Carolina
Major problems with resin sources for their operation. Method development and problem resolution on all their polyethylene resins coming in from resin suppliers.
- 7, Frank Ferno and Associates versus American Cyanamid (Past Case)
Chair failures in Florida on Fishing Crafts. Major failures on chairs with seat belts on fishing boats killing one and injuring others. Major chain suit. Problem solved and proven not to be related to plaintiff.
8. C & A Technologies ,Dalton Georgia
Reverse engineering UV systems that were failing in the field on molded parts.
9. Lehigh Technologies LLC, Tucker Georgia
Determination of recycled elastomeric sources for plastics. Cause of organoleptic problems and resolution.
10. Garden Star, Georgia
Major carpet streaking and matte problem solved.
11. Goodwell Hair Treatment, Atlanta Georgia
Major claims against Goodwell by customer who had scalp burnt by treatment of hair bleach. Problem found to not be related to Goodwell and suit dropped against Goodwell. We proved the raw material used by Goodwell was at fault and the manufacturer of the product guilty of providing outdated material.