



**Non-Flammable Critical Vapor Degreasing and Cleaning Solvent
 (Non-Chlorinated / Non-Brominated)**

Plastic Compatibility Testing Summary

AeroTron-L solvent is designed for high performance in critical cleaning applications. However, like other halogenated solvents of similar characteristics, **AeroTron-L** will affect certain types of plastics. Tests were conducted as a general guideline for consideration of the possible effects of **AeroTron-L** on various types of plastic with the following results and general conclusions based on observed weight gain/loss and surface degradation/softening:

Legend: A = no effects observed, B = minor effects, and C = significant effects

Plastic Type	Abbreviation	RESISTANCE to AeroTron-L ¹	Reflux Testing ²		Immersion Testing ³		
			1 Min.	10 Min.	10 Min.	1Hour	24Hour
Acetal (Polyoxymethylene) (<i>Delrin, Celcon</i>)	POM	Excellent	A	A	A	A	A
ABS (Acrylonitrile-Butadiene-Styrene) (<i>Magnum</i>)	ABS	Excellent	A	A	A	A	A
Acrylic (<i>Plexiglas</i>)		Excellent	A	A	A	A	A
Chlorinated Polyvinylchloride (<i>TempRite</i>)	CPVC	Excellent	A	A	A	A	A
Ethylene Tetrafluoroethylene (<i>Tefzel</i>)	ETFE	Excellent	A	A	A	A	A
Nylon (Polyamide) (<i>Vydyne, Capron</i>)	NYL	Excellent	A	A	A	A	A
Polyester (Polybutylene Terephthalate)	PBT	Excellent	A	A	A	A	A
Polyetheretherketone	PEEK	Excellent	A	A	A	A	A
Polyvinylidene Fluoride (<i>Kynar</i>)	PVDF	Excellent	A	A	A	A	A
Polycarbonate (<i>Lexan</i>)	PC	Excellent	A	A	A	A	A
Polyethylene (high density) (<i>Dowlex</i>)	HDPE	Excellent	A	A	A	A	A
Polyetherimide (<i>Ultem</i>)	PEI	Excellent	A	A	A	A	A
Polyphenylene Oxide (<i>Noryl</i>)	PPO	Excellent	A	A	A	A	A
Polypropylene (<i>Cefor</i>)	PP	Excellent	A	A	A	A	A
Polystyrene (<i>BASF PS4324, Dylene</i>)	PS	Excellent	A	A	A	A	A
Polysulfone (<i>Ultrason, Udel</i>)	PSU	Excellent	A	A	A	A	A
Polyvinyl Chloride	PVC	Excellent	A	A	A	A	A
Polyurethane	PU	Excellent	A	A	A	A	A
Polytetrafluoroethylene (<i>Teflon</i>)	PTFE	Excellent	A	A	A	A	A

FOOTNOTES:

- As with any generalized testing, the results of our Plastic Compatibility Testing represents outcomes within the specific parameters and conditions of the tests conducted and are provided for general guidance only. The User is responsible for testing for compatibility with their specific substrate in the context of their cleaning operation. Reliance Specialty Products, Inc. disclaims all warranties, actual or implied, in connection with this testing and compatibility for any particular application.
- Plastic coupons were prepared, weighed and placed in a reflux environment at 134°F for the time periods indicated and then removed, re-weighed and examined for changes in hardness and for visible signs of surface effects.
- Plastic coupons were prepared and immersion at 100°F for the time periods indicated and then removed, re-weighed and examined for changes in hardness and for visible signs of surface effects.

