

# Arnitel<sup>®</sup> EE8479

## TPC-ET

Injection Molding

Print Date: 2023-10-26

- ✘ not resistant
- i limited resistant, tests necessary to verify
- ✔ resistant

### Disclaimer Chemical Resistance

The chemical resistance data reported here are based on either measured weight/dimensional changes or degree of chemical attack determined from exposure in accordance with one of the relevant established international standards (ISO 175, ISO 11403-3, ISO 4599, ISO 4600, ISO 6252 etc.) or on the supplier's experiences from successful applications of their products. Due to the application specific nature of the surrounding environment of each part during its service life, the indications provided should be used only for a first assessment; they are not intended to substitute for any testing you may need to conduct. You must make your own determination as to the suitability of this material for your specific application. Users shall in each case conduct evaluations under actual end-use conditions and/or consult with the resin supplier's technical representatives.

### Chemical Resistance

- |   |                                       |  |
|---|---------------------------------------|--|
| A | <span style="color: green;">✔</span>  | Acetic acid (10% by mass) at 23°C        |
|   | <span style="color: green;">✔</span>  | Acetone at 23°C                          |
|   | <span style="color: orange;">i</span> | Ammonium hydroxide (10% by mass) at 23°C |
|   | <span style="color: green;">✔</span>  | ASTM 1 at 23°C                           |
|   | <span style="color: green;">✔</span>  | ASTM 3 at 23°C                           |
| B | <span style="color: red;">✘</span>    | Brake fluids (DOT 3/4) at 23°C           |
| C | <span style="color: orange;">i</span> | Calcium chloride (10% by mass) at 23°C   |
|   | <span style="color: red;">✘</span>    | Chloroform at 23°C                       |
| D | <span style="color: orange;">i</span> | Diethyl ether at 23°C                    |
| E | <span style="color: orange;">i</span> | Ethanol at 23°C                          |
|   | <span style="color: orange;">i</span> | Ethyl Acetate at 23°C                    |
| F | <span style="color: green;">✔</span>  | Fuel; Diesel at 85°C                     |
| H | <span style="color: green;">✔</span>  | Hydrochloric acid (10% by mass) at 23°C  |

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		Hydrogen peroxide (30% by mass) at 23°C
N		Nitric acid (10% by mass) at 23°C
P		Phosphoric acid (10% by mass) at 23°C
S		Sodium hydroxide (10% by mass) at 23°C
		Sulfuric acid (30% by mass) at 23°C
T		Tetrachloroethylene at 23°C
		Toluene at 23°C
		Transformer oil at 23°C
		Trichloroethylene at 23°C
W		Water at 23°C
Z		Zinc chloride (10% by mass) at 23°C

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