Property Data

Envalior
Imagine the Future

# Arnitel® PL420–H

## TPC–ET

*Injection Molding, Heat Stabilized*

Print Date: 2024–02–08

- not resistant
- 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 | ✓ | Acetic acid (10% by mass) at 23°C |
| | ✓ | Acetone at 23°C |
| | i | Ammonium hydroxide (10% by mass) at 23°C |
| | ✓ | ASTM 1 at 23°C |
| | ✓ | ASTM 3 at 23°C |
| B | ✗ | Brake fluids (DOT 3/4) at 23°C |
| C | i | Calcium chloride (10% by mass) at 23°C |
| | ✗ | Chloroform at 23°C |
| D | i | Diethyl ether at 23°C |
| E | i | Ethanol at 23°C |
| | i | Ethyl Acetate at 23°C |
| F | ✓ | Fuel; Diesel at 85°C |
| H | ✓ | Hydrochloric acid (10% by mass) at 23°C |

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*Property Data*

# *Arnitel® PL420–H*

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| | | |
|---|---|---|
| | i | 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 | i | 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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