

# Arnitel<sup>®</sup> PL461

## TPC-ET

### Injection Molding

Print Date: 2024-08-30

- ✘ 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
- ⓘ 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 ⓘ Calcium chloride (10% by mass) at 23°C
- ✘ Chloroform at 23°C
- D ⓘ Diethyl ether at 23°C
- E ⓘ Ethanol at 23°C
- ⓘ Ethyl Acetate at 23°C
- F ✔ Fuel; Diesel at 85°C
- H ✔ Hydrochloric acid (10% by mass) at 23°C

All the trademarks mentioned here are trademarks of Envalior.

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.












Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

Copyright © Envalior 2024. All rights reserved. No part of the information may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of Envalior.

## Property Data

# Arnitel<sup>®</sup> PL461

Print Date: 2024-08-30

- 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**  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

All the trademarks mentioned here are trademarks of Envalior.

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

Copyright © Envalior 2024. All rights reserved. No part of the information may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of Envalior.