

Arnitel® ID2060 HT

TPC

3D printing grade, 100% Recyclable, for High Temperature Applications

Print Date: 2021-04-07

- ✘ 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
- ⓘ Hydrogen peroxide (30% by mass) at 23°C

Akulon®, Arnite®, Arnitel®, EcoPaXX®, ForTii®, Novamid®, Stanyl® and Xytron™ are trademarks of DSM.

All information supplied by or on behalf of DSM in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and, in good faith, believed reliable, but DSM assumes no liability and makes no warranties of any kind, express or implied, including, but not limited to, those of title, merchantability, fitness for a particular purpose or non-infringement or any warranty arising from a course of dealing, usage, or trade practice whatsoever in respect of application, processing or use made of the aforementioned information, or product. The user assumes all responsibility for the use of all information provided and shall verify quality and other properties or any consequences from the use of all such information.











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. This document replaces all previous versions relating to this subject.

Copyright © DSM 2021. 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 DSM.

Property Data

Arnitel[®] ID2060 HT

Print Date: 2021-04-07

- 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

Akulon®, Arnite®, Arnitel®, EcoPaXX®, ForTii®, Novamid®, Stanyl® and Xytron™ are trademarks of DSM.

All information supplied by or on behalf of DSM in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and, in good faith, believed reliable, but DSM assumes no liability and makes no warranties of any kind, express or implied, including, but not limited to, those of title, merchantability, fitness for a particular purpose or non-infringement or any warranty arising from a course of dealing, usage, or trade practice whatsoever in respect of application, processing or use made of the aforementioned information, or product. The user assumes all responsibility for the use of all information provided and shall verify quality and other properties or any consequences from the use of all such information.

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. This document replaces all previous versions relating to this subject.

Copyright © DSM 2021. 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 DSM.