


Chemical Resistance Data

Adura™ X

Polyamide 6/6g Copolymer +
Short Carbon Fibers




add:north
3D-FILAMENT

Chemical Resistance Data			
Adura™ X			
■ = Good ■ = Fair ■ = Poor			

Chemicals

Acetone		20°C	■
Aldehyde		20°C	■
Alcohols		20°C	■
Formic acid	4-5% Concentrate	20°C	■
Amine		20°C	■
Ammonia	5% Concentrate	20°C	■
Ammonium chloride	35% Concentrate	20°C	■
Inorganic salts		20°C	■
Benzene		20°C	■
Benzol		20°C	■
Chlorine		20°C	■
Acetic acid	5% Concentrate	20°C	■
Ester		20°C	■
Ethyl aether		20°C	■
Fats		20°C	■
Hydrofluoric acid		20°C	■
Formaldehyde	5% Concentrate	20°C	■
Formalin	3-4% Concentrate	20°C	■
Glycol		20°C	■
Glycerin		20°C	■
Potassium hydroxide	50% Concentrate	20°C	■
Ketone		20°C	■

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Chemicals

Fuels		20°C	■
Methane		20°C	■
Petroleum		20°C	■
Sodium chloride		20°C	■
Sodium hydroxide	10% Concentrate	20°C	■
Sodium hydroxide	2-8% Concentrate	20°C	■
Nitrobenzene		20°C	■
Oils		20°C	■
Phosphoric acid	10% Concentrate	20°C	■
Propanol		20°C	■
Nitric acid	2% Concentrate	20°C	■
Hydrochloric acid	2% Concentrate	20°C	■
Sulfuric acid	50% Concentrate	20°C	■
Water		20°C	■
Hydrogen peroxide	30% Concentrate	20°C	■
Citric acid	20% Concentrate	20°C	■

Chemical Resistance Disclaimer

The chemical resistance of our filaments to various substances is contingent upon a range of exposure conditions, including but not limited to time, temperature, concentration, and other environmental factors. Ratings, including those indicating poor resistance, may signify either a complete loss of mechanical properties or an instance of swelling.

We strongly advise our customers to conduct their own rigorous testing specific to the intended application. Consider this document as a valuable guide, recognizing that results may exhibit variability based on unique applications, duration of exposure, and patterns of usage.

For further information or any queries regarding chemical compatibility, please do not hesitate to reach out to us at info@addnorth.com

