

# Chemical Resistance of ECOZEN® T100

Product Name : ECOZEN® T100  
 Test Period : March 20, 2011 to March 25, 2011  
 Test Results : For further details, please refer to following page(s)  
 Test Performed : SK Chemicals R&D center

Type	Tested	Concentration (%)	Time (Days)	Resistance	Appearance
Inorganic Acid	Sulfuric Acid	20	28	Good	No visible effect
Organic Acid	Acetic Acid	5	7	Good	Clear
	Citric Acid	10	7	Good	No visible effect Clear
Inorganic Alkalis	Sodium Hydroxide	10	7	Good	Clear
Alcohol	Ethyl Alcohol	50	7	Good	Clear
	Benzyl Alcohol	100	28	Good	No visible effect No visible effect
Aromatic Hydrocarbons	Toluene	100	7	Poor	Whitening
		100	28	Poor	Swollen
Aliphatic Hydrocarbons	Hexane Heptane	100	7	Good	Clear
		100	28	Good	No visible effect
Ketone	Acetone	100	7	Poor	Hazy
		100	28	Poor	Discoloring
Other Chemicals	Olive Oil	100	7	Good	Clear
	Gasoline	100	28	Good	No visible effect
	Water	100	28	Good	No visible effect

Temperature : 23 °C

- Good : No visible effects
- Fair : Slight color change or No change of mechanical properties
- Poor : Discoloring, Whitening, Swelling, Cracking

**ECOZEN® T100** shows good chemical resistance for various chemicals such as dilute solution of acids, salts and aliphatic hydrocarbon, but it is significantly affected by aromatic hydrocarbon and ketones.

**Chemical resistance of ECOZEN® T100** is generally affected by temperature, immersion time, and concentration. Therefore, users of Ecozen T100 should be guided by their own tests according to their final applications.

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