

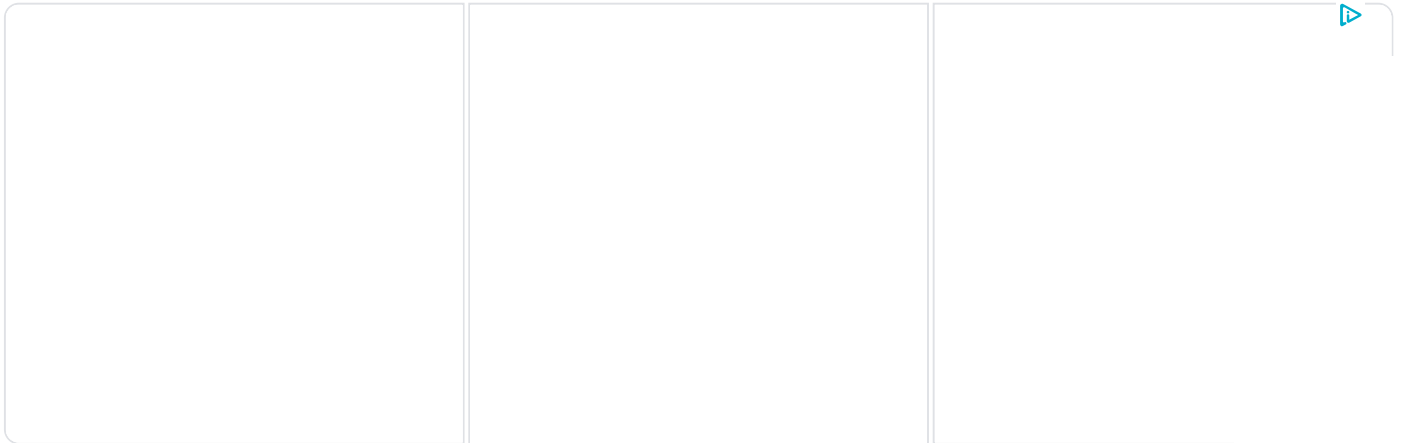




## Water Content in Food and other Products

Water content before and after drying - in food and other products cork, grain, soap, peat, wood and more.

Sponsored Links



Shop In-Store & Online Today

Harbor Freight Tools

The water content in some common foods and other products before - and after - drying are indicated below:

Material	Original water content before drying %	Final water content after drying %
Apple	84	
Apricot	86	
Banana	74	
Blueberries	85	
Broccoli	91	
Cabbage (green)	93	
Cabbage (red)	92	
Cantaloupe	90	
Carrots	87	
Cauliflower	92	
Celery	95	
Cherries	81	
Coal, bituminous	40 - 60	8 - 12
Cork	40 - 45	10 - 15
Cranberries	87	
Cucumber	96	
Earth	45 - 50	
Earth, sandy	20 - 25	
Eggplant	92	
Glue	80 - 90	

<b>Material</b>	<b>Original water content before drying %</b>	<b>Final water content after drying %</b>
Glue, air dried	15	
Grain	17 - 23	10 - 12
Grapefruit	91	
Grapes	81	
Hides	45	
Lettuce (iceberg)	96	
Macaroni	30 - 35	11 - 13
Orange	87	
Pasta, macaroni, spaghetti, noodles	30 - 35	11 - 13
Peach	88	
Pear	84	
Peas (green)	79	
Peat	85 - 90	30 - 35
Peppers (sweet)	92	
Pineapple	87	
Plum	85	
Potato (white)	79	
Radish	95	
Raspberries	87	
Rubber goods	30 - 50	
Soap	27 - 35	25 - 26
Spinach	92	
Starch	38 - 45	12 - 14
Starch, air dried	16 - 20	12 - 14
Strawberries	92	
Tomato (green)	93	
Tomato (red)	94	
Watermelon	92	
Wood, air dried hard	17 - 20	10 - 15
Wood, air dried soft	10 - 15	10 - 15
Wood, green hard	50	10 - 15
Wood, green soft	30 - 50	10 - 15
Yarn, washing	40 - 50	
Zucchini	95	

Sponsored Links

## Related Topics

---

- **Basics** - The SI-system, unit converters, physical constants, drawing scales and more.
- **Material Properties** - Material properties of gases, fluids and solids - densities, specific heats, viscosities and more.

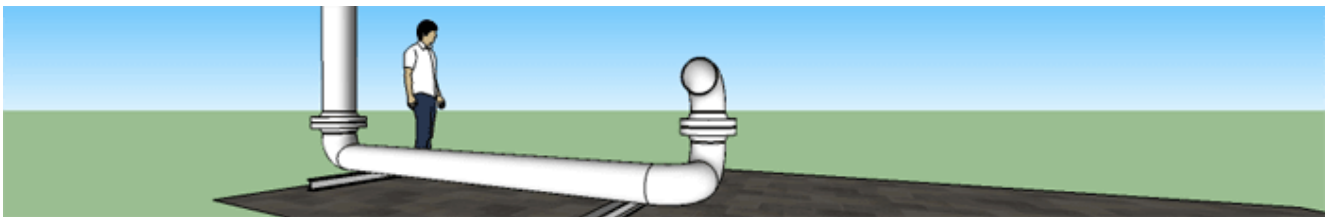
## Related Documents

---

- **Air Drying Force** - The drying force of air depends on the air moisture holding capacity and the water surface to air evaporation capacity.
- **Drying Time of Products vs. Temperature** - Drying temperature and time for products like food, coffee, fruits, lumber and more.
- **Energy in Food** - Energy in carbohydrates, fats and proteins.
- **Food and Foodstuff - pH Values** - pH in common food products - like apples, butter, wines and more.
- **Food and Foodstuff - Specific Heat** - Specific heat of common food and foodstuff like apples, bass, beef, pork and many more.
- **Food Products - Bulk Densities** - Bulk densities of some common food products like grain, corn, barley, sugar and more.
- **Food Products - Osmotic Pressure** - Osmotic pressure in food products.
- **Food Products - Viscosities** - Absolute (dynamic) viscosity for common food products.
- **Food-borne Infections and Diseases** - Common bacteria and viruses found in food.
- **Foods - Thermal Conductivities** - Thermal conductivity of selected foodstuff like apples, beef, sugar and more.
- **Foodstuff - Thermal Diffusivity** - Thermal diffusivity of some selected food products.
- **Frozen Food Storage Life** - Practical storage life for common frozen food products.
- **Fruits and Vegetables - Optimal Storage Conditions** - Optimal temperature and humidity conditions for common fruits and vegetables.
- **Microwave Heating** - Heating with microwaves.
- **Moisture Content Calculation** - Calculate the moisture content in products like wood on wet and dry basis.
- **Pasteurization - Time and Temperature** - Pasteurization methods, time and temperatures.
- **Water Content in Food and other Products** - Water content before and after drying - in food and other products cork, grain, soap, peat, wood and more.

## Engineering ToolBox - SketchUp Extension - Online 3D modeling!

---



Add standard and customized parametric components - like flange beams, lumbers, piping, stairs and more - to your [Sketchup model](#) with the [Engineering ToolBox - SketchUp Extension](#) - enabled for use with the amazing, fun and free [SketchUp Make](#) and [SketchUp Pro](#) .Add the Engineering ToolBox extension to your SketchUp from the [SketchUp Pro](#) Sketchup Extension Warehouse!

### Translate this Page to

---

[Arabic](#) - [Chinese \(Simplified\)](#) - [Chinese \(Traditional\)](#) - [Dutch](#) - [French](#) - [German](#) - [Italian](#) - [Japanese](#) - [Korean](#) - [Portuguese](#) - [Russian](#) - [Spanish](#) - - or select [Your own language](#)

### About the ToolBox

---

We appreciate any comments and tips on how to make The Engineering ToolBox a better information source. Please contact us by email

- [editor.engineeringtoolbox@gmail.com](mailto:editor.engineeringtoolbox@gmail.com)

if You find any faults, inaccuracies, or otherwise unacceptable information.

The content in The Engineering ToolBox is [copyrighted](#) but can be used with [NO WARRANTY or LIABILITY](#) . Important information should always be double checked with alternative sources. All applicable national and local regulations and practices concerning this aspects must be strictly followed and adhered to.

## Privacy

---

We don't collect information from our users. Only emails and answers are saved in our archive. Cookies are only used in the browser to improve user experience.

Some of our calculators and applications let you save application data to your local computer. These applications will - due to browser restrictions - send data between your browser and our server. We don't save this data.

Google use cookies for serving our ads and handling visitor statistics. Please read [Google Privacy & Terms](#) for more information about how you can control adserving and the information collected.

AddThis use cookies for handling links to social media. Please read [AddThis Privacy](#) for more information.

## Advertise in the ToolBox

---

If you want to promote your products or services in the Engineering ToolBox - please use [Google Adwords](#). You can target the Engineering ToolBox by using [AdWords Managed Placements](#).

## Citation

---

This page can be cited as

- Engineering ToolBox, (2003). *Water Content in Food and other Products*. [online] Available at: [https://www.engineeringtoolbox.com/water-content-d\\_131.html](https://www.engineeringtoolbox.com/water-content-d_131.html) [Accessed Day Mo. Year].

Modify access date.



### Home

- [Acoustics](#)
- [Air Psychrometrics](#)
- [Basics](#)
- [Combustion](#)
- [Drawing Tools](#)

- **Dynamics**
- **Economics**
- **Electrical**
- **Environment**
- **Fluid Mechanics**
- **Gases and Compressed Air**
- **HVAC Systems**
- **Hydraulics and Pneumatics**
- **Insulation**
- **Material Properties**
- **Mathematics**
- **Mechanics**
- **Miscellaneous**
- **Physiology**
- **Piping Systems**
- **Process Control**
- **Pumps**
- **Sanitary Drainage Systems**
- **Standard Organizations**
- **Statics**
- **Steam and Condensate**
- **Thermodynamics**
- **Water Systems**

### Unit Converter

Temperature

°C

°F

Convert!

Length

*m*

*km*

*in*

*ft*

- yards
- miles
- naut miles

Convert!

#### Area

1.0

- $m^2$
- $km^2$
- $in^2$
- $ft^2$
- $miles^2$
- acres

Convert!

#### Volume

1.0

- $m^3$
- liters
- $in^3$
- $ft^3$
- us gal

Convert!

#### Weight

1.0

- $kg_f$
- $N$
- $lb_f$

Convert!

#### Velocity

1.0

- $m/s$
- $km/h$
- $ft/min$
- $ft/s$

Water Content in Food and other Products

- mph*
- knots*

Convert!

Pressure

1.0

- Pa (N/m<sup>2</sup>)*
- bar*
- mm H<sub>2</sub>O*
- kg/cm<sup>2</sup>*
- psi*
- inches*

H<sub>2</sub>O

Convert!

Flow

1.0

- m<sup>3</sup>/s*
- m<sup>3</sup>/h*
- US gpm*
- cfm*

Convert!

Scientific Online Calculator



3 10

Sponsored Links





[Make Shortcut to Home Screen?](#)