Expert Of All Material Density Tester

Density of Plastic material

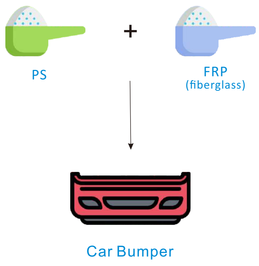
Different types of plastics have different densities.
And do you know how to distinguish one to another?

As the right table shown,
we can get that by using the method of measuring density can be uses to identify plastics directly.
(showed as right table ⟶)

Material	Density
ABS	1.06 g/cm³
HDPE	0.96 g/cm³
LDPE	0.92 g/cm³
PP	0.905 g/cm³
PS	1.05 g/cm³

Why density matters

Example 1: How to keep the best quality?



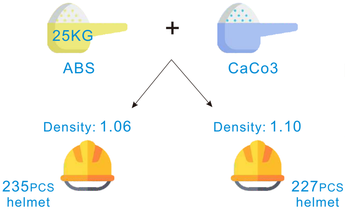
We can see that producing a product

PS, a not impact resistant material, after mixed with **FRP** (fiberglass), the properties changed! Even can become a safe care bumper !

Because of the mixed with FRP, the sample have enhance its strength. As a consequence, when you test the sample density, it is also enhance.

In this situation, if you want your product having the best status, must know its density more.

Example 2: Why need to test density?



We can see how density affect the process

If the volume is fixed.

The higher density of your raw material is, the heavier the product will become.

What MatsuHaku Do:

- Mix ratio mode

  Equipped 2 Mix ratio mode,
  Can measure the ratio of the main material in two mixed materials.
  Get the proportion of the main material accurately and directly.

- High and low limit function

  Can determine whether the specific gravity of the test object is qualified or not. This machine is equipped with a buzzer device.

MatsuHaku Density Tester Keep You Aware Of

1. **Reduce** the cost and the **Defect** loss
2. Fit the international **Standard**
3. Make sure the quality **Stable**

With MatsuHaku Density Tester
Quality control is more easier than you thought

No. 32-1, Industrial 24 Rd., Taichung Industrial Zone., Taichung City 408, Taiwan
TEL: 886-4-2359-2001 What's App: +886-982-682-889
MAIL: group.up@msa.hinet.net

MatsuHaku 瑪芝哈克