

Formula of PVC Pipe

1. PVC Pipe

UPVC Pipes, also called rigid PVC Pipes, are made up of PVC Resin, PVC Heat Stabilizer, PVC impact modifier and PVC lubricants by extrusion technology. It is the most widely used plastic pipes. UPVC Pipe is divided into two major types: drainage pipe and water pipe.

2. Formula of Drainage Pipe and Water Pipe

PVC pipe is very light and it has good performance of weather, chemical resistance, low fluid resistance and excellent tensile and compressive strength and easy installation. The formulas of PVC drainage pipe and water pipe are as below:-

Ingredient	Dosage (PHR)
PVC Resin SG-5	100
Light CaCO ₃	100
Lead Compound Stabilizer	4.5
CPE 135A	6
Paraffin Wax	1.5
Stearic Acid	1.5

Ingredient	Dosage (PHR)
PVC Resin SG-5	100
Light CaCO ₃	50-75
Ca-Zn Stabilizer	4-6
CPE 135A	8
PE Wax	0.8
Stearic Acid	1.5

3. Application

- Municipal water supply & drainage
- Industrial water supply & drainage
- Civil water supply & drainage
- Irrigation

4. Advantages of Jubang Auxiliary Agents

- One pack solution;
- Stable and reliable quality
- High compatibility
- Excellent flexibility
- Low cost
- Suitable for both types of products

For reference only.