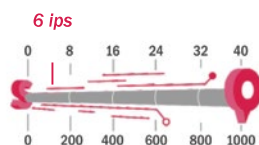


**R-100** is an entry level resin. It is known for printing on Coated paper with low printing energy level, strong scratch resistance, good label adaptability.

## Sensitivity

### – Printing speed



### – Printing temperature



## Resistance Test

### – Resistance test

Slight exposure begins after approx. **X** cycles with a 700GM weight load

Smudge resistance



Scratch resistance



Alcohol



95% Industrial alcohol

Gasoline



92 # Gasoline

Braking fluid



Bosch dot4 plus

### – Water resistance test

With a printed label, soaked in 100°C water for 2 hours, observe its color fading



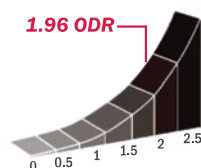
### – Low-temperature test

With a printed label in a closed chest at -17°C for 20 hours, observe its stripping

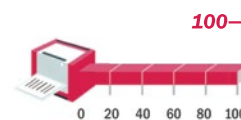


## Printing Quality

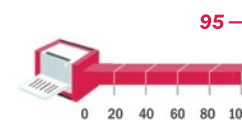
### Darkness



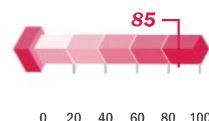
### 0° barcode



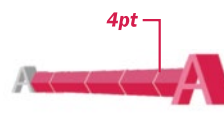
### 90° barcode



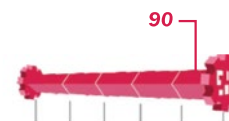
### Sharpness



### Min. printable character



### Graphics



## Substrate Compatibility

### Recommended substrate grades

**Uncoated Paper**  
Writing paper, vellum  
...

**Coated Paper**  
Art paper, art printing paper, high gloss paper  
...

**Synthetic Paper**  
Synthetic paper

**Film labels**  
PP, PET, PE, BOPP, PVC  
...



## Properties

### PET film

Thickness: 4.4  $\mu\text{m}$

### Ribbon

Thickness:  $6.5 \pm 0.3 \mu\text{m}$

### Ink

Color: Black Melting point:  $83 \pm 3^\circ\text{C}$

### Storage Condition

Temperature:  $5-35^\circ\text{C}$  Humidity: 20-80%  
Validity period: 12 months

## CERTIFICATION



ISEGA



## Recommended Applications

### Fixed Asset



### Pharmaceutical



### Nursery Gardens & Flowers



### Daily Chemicals



### Electrical equipment



### Mechanical Equipment



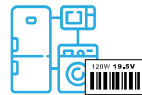
### Chemical Industry



### Steel & Iron Manufacturing



### Digital & Electronic Labels



### Clothing Tags



### Logistic



### Food & Beverage



### Production Lines



### Automobile Industry



### Warehouse



### Retails Label



### Wooden Products



### Flexible Packaging

