



# PRODUCT SPECIFICATION

**EP 110**  
**REV01**

## IDENTIFICATION

|                      |   |
|----------------------|---|
| <b>Chemical name</b> | SILICONE RUBBER USIHD30 TR- 20KG -HS-5330 |
| <b>Formula</b>       | Not available                             |
| <b>CAS Number</b>    | Not available                             |

## PHYSICAL - CHEMICAL CHARACTERISTICS

|                       |             |                |                |                              |
|-----------------------|-------------|----------------|----------------|------------------------------|
| <b>Appearance</b>     | Translucent |                |                |                              |
| <b>Characteristic</b> | <b>Unit</b> | <b>Minimum</b> | <b>Maximum</b> | <b>Method</b>                |
| Tensile strength      | MPa         | 6              | -              | Manufacturer's Specification |
| Stretching            | %           | 600            | -              |                              |
| Breaking strength     | KN/m        | 12             | -              |                              |
| Hardness              | Shore A     | 27             | 33             |                              |

## MAIN APPLICATIONS

Chemical, electrical and electronics, steel and automobile industries. In the manufacture of terminal resistors, housewares, wires and cables, hoses, profiles, automotive parts, electronics, high voltage insulators, oven and stove sealing, gaskets for automotive engine sealing, etc.

## OTHER INFORMATION

|                           |   |
|---------------------------|---|
| <b>UN No.</b>             | Product not covered by the Resolution in force on the transport of dangerous products.  |
| <b>Risk No.</b>           | Product not covered by the Resolution in force on the transport of dangerous products.  |
| <b>Packaging</b>          | Box with 20 kg of product.  |
| <b>Cautious</b>           | Non-hazardous product. Handling the product in a place with good natural or mechanical ventilation. The use of a mask for organic vapors is recommended as good practice. The product does not give off vapors at room temperature. In case of discomfort or persistence of irritation, consult a physician.<br>For handling, use the following PPE's: PVC, nitrile or latex rubber gloves, boots and protective goggles. |
| <b>Storage</b>            | Keeping stored in a covered, ventilated place at room temperature.  |
| <b>Validity</b>           | 6 months, depending on ideal storage conditions.  |
| <b>Legal requirements</b> | Product not covered by the Resolution in force on the transport of dangerous products.  |

| Technical Specifications | Code     | Description                               |
|--------------------------|----------|---|
|                          | 232.36.7 | SILICONE RUBBER USIHD30 TR- 20KG -HS-5330 |

## HISTORY OF CHANGES

| Date | Revision | Comments of Changes   |
|------|----------|---|
| -    | 00       | Initial Issue   |
| -    | 01       | Specification number changed from EP 114 to EP 110 for system adjustment. |



# PRODUCT SPECIFICATION

**EP 108****REV 02**

## IDENTIFICATION

|                      |                                |
|----------------------|--------------------------------|
| <b>Chemical name</b> | SILICONE RUBBER USIHD30 - 20KG |
| <b>Formula</b>       | Not available                  |
| <b>CAS Number</b>    | Not available                  |

## PHYSICAL - CHEMICAL CHARACTERISTICS

|                       |             |                |                |                              |
|-----------------------|-------------|----------------|----------------|------------------------------|
| <b>Appearance</b>     | Translucent |                |                |                              |
| <b>Characteristic</b> | <b>Unit</b> | <b>Minimum</b> | <b>Maximum</b> | <b>Method</b>                |
| Tensile strength      | MPa         | 5              | -              | Manufacturer's Specification |
| Stretching            | %           | 450            | -              |                              |
| Breaking strength     | KN/m        | 7              | -              |                              |
| Hardness              | Shore A     | 27             | 33             |                              |

## MAIN APPLICATIONS

Chemical, electrical and electronics, steel and automobile industries. In the manufacture of terminal resistors, housewares, wires and cables, hoses, profiles, automotive parts, electronics, high voltage insulators, oven and stove sealing, gaskets for automotive engine sealing, etc.

## OTHER INFORMATION

|                           |   |
|---------------------------|---|
| <b>UN No.</b>             | Product not covered by the Resolution in force on the transport of dangerous products.  |
| <b>Risk No.</b>           | Product not covered by the Resolution in force on the transport of dangerous products.  |
| <b>Packaging</b>          | Box with 20 kg of the product.  |
| <b>Cautious</b>           | Non-hazardous product. Handling the product in a place with good natural or mechanical ventilation. The use of a mask for organic vapors is recommended as good practice. The product does not give off vapors at room temperature. In case of discomfort or persistence of irritation, consult a physician.<br>For handling, use the following PPE's: PVC, nitrile or latex rubber gloves, boots and protective goggles. |
| <b>Storage</b>            | Keeping stored in a covered, ventilated place at room temperature.  |
| <b>Validity</b>           | 6 months, depending on ideal storage conditions.  |
| <b>Legal requirements</b> | Product not covered by the Resolution in force on the transport of dangerous products.  |

| <b>Technical Specifications</b> | <b>Code</b> | <b>Description</b>                       |
|---------------------------------|-------------|--|
|                                 | 220.12.7    | SILICONE RUBBER USIHD30 - 20KG - HS-3431 |

## HISTORY OF CHANGES

| <b>Date</b> | <b>Revision</b> | <b>Comments of Changes</b>  |
|-------------|-----------------|---|
| -           | 00              | Initial Issue   |
| -           | 01              | Updating information in the field of main applications                    |
| -           | 02              | Specification number changed from EP 112 to EP 108 for system adjustment. |