

# ORGALLOY® EM 067 HSP

**Orgalloy® EM 067 HSP resin** is a flexible polyamide designed to be used for refrigerant barrier layer in air conditioning rubber hose.

## Packaging:

This grade is delivered dried in sealed packaging (20kg bags) ready to be processed.

## Shelf life:

Two years from the date of delivery. For any use above this limit, please refer to our technical services.

## MAIN CHARACTERISTICS

| PROPERTIES                    | DRY / COND  | UNIT                   | TEST STANDARD  |
|-------------------------------|-------------|------------------------|----------------|
| <b>RHEOLOGICAL PROPERTIES</b> |             |                        |                |
| Melt Volume-Flow Rate         | 1 / *       | cm <sup>3</sup> /10min | ISO 1133       |
| Temperature                   | 235 / *     | °C                     | -              |
| Load                          | 5 / *       | kg                     | -              |
| <b>MECHANICAL PROPERTIES</b>  |             |                        |                |
| Tensile Modulus               | - / 572     | MPa                    | ISO 527-1/-2   |
| Stress at 50% Strain          | - / 32      | MPa                    | ISO 527-1/-2   |
| Strain at Break               | - / > 50    | %                      | ISO 527-1/-2   |
| <b>THERMAL PROPERTIES</b>     |             |                        |                |
| Melting Temperature, 10°C/min | 215 / *     | °C                     | ISO 11357-1/-3 |
| <b>OTHER PROPERTIES</b>       |             |                        |                |
| Density                       | 1140 / 1140 | kg/m <sup>3</sup>      | ISO 1183       |

## Processing conditions:

- Drying time (only necessary for bags opened for more than two hours): 4-16 hours at 80-90°C
- Extrusion melt temperature (min-recommended-max): 240-260-300°C

## PROCESSING

Film Extrusion, Profile Extrusion, Other Extrusion

## DELIVERY FORM

Pellets

## ADDITIVES

Plasticizer

## REGIONAL AVAILABILITY

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

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