

**Product Texts**

**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.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	1 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	235 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	- / 572	MPa	ISO 527
<sup>[C]</sup> Stress at 50% strain	- / 32	MPa	ISO 527
<sup>[C]</sup> Strain at break	- / >50	%	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	215 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1140 / 1140	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Film Extrusion, Profile Extrusion, Other Extrusion

**Additives**

Plasticizer

**Delivery form**

Pellets

**Regional Availability**

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

**Other text information****Other extrusion****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