

Product Texts

Orgalloy® RDG 113 resin is a 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.s.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	- / 2253	MPa	ISO 527
^[C] Yield stress	- / 47	MPa	ISO 527
^[C] Yield strain	- / 4.4	%	ISO 527
^[C] Nominal strain at break	- / >50	%	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	229 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1120 / 1120	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Other Extrusion

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Delivery form

Pellets

Other text information**Other extrusion****Processing conditions:**

- Drying time (only necessary for bags opened for more than two hours): 4-8 hours at 80-90°C
- Extrusion melt temperature (min-recommended-max): 240-260-300°C