

ORGALLOY® RDG 113

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.

MAIN CHARACTERISTICS

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
MECHANICAL PROPERTIES			
Tensile Modulus	- / 2253	MPa	ISO 527-1/-2
Yield stress	- / 47	MPa	ISO 527-1/-2
Yield strain	- / 4.4	%	ISO 527-1/-2
Nominal Strain at Break	- / > 50	%	ISO 527-1/-2
THERMAL PROPERTIES			
Melting Temperature, 10°C/min	229 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1120 / 1120	kg/m ³	ISO 1183

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

PROCESSING

Other Extrusion

DELIVERY FORM

Pellets

REGIONAL AVAILABILITY

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

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