



GD 115

General Properties	Technology/Base	Polyisobutylene
	Type of Product	Insulating glass sealant
	Parts	One part system
	Color	Black
	Product Benefits	High UV resistance Good aging resistance Very low water vapour transmission rate and gas permeability



Typical Technical Data

General

Physical Properties		
Density	8.8 lb/gal	DIN EN ISO 2811-1, 73 F
Needle Penetration	56 1/10 mm	DIN EN 1426, 73 F, 10 s, 0.11 lbs
Processing Guidelines and Parameters		
Shelf Life	24 months	
Storage Temperature	50 F to 86 F	
Processing Temperature	230 F to 266 F	
Material Properties		
Volatile content	0.03 %	EN 1279-4 annex H
Fogging	without visual fogging	EN 1279-4 annex C
Cured Material Characteristics		
Gas permeation rate (Argon)	< 0.001 g/(m ² ·h)	EN 1279-4 annex D
Gas permeation rate (Argon)	0.015 g/(m ² ·d)	EN 1279-4 annex D
Water vapour transmission rate	< 0.01 g/(m ² ·d)	EN 1279-4 annex D
Service Conditions		
Service Temperature	-40 F to 176 F	refer to TI 141
Packaging Units		
Content	2 lbs	slug
Content	5 lbs	slug
Content	15 lbs	slug
Content	419 lbs	drum



Product Properties

Applications	Fields of Application	Manufacturing of insulating glass
	Typical Applications	One-part primary sealant
Processing	Suitable Substrates	Various galvanized steels Various stainless steel alloys Various aluminum alloys Various plastic substrates Glass
	Consistency	Solid compound, can only be applied at elevated temperatures
	Surface Requirements	Dry Clean Free of grease Free of dust
	Surface Cleaning	Körasolv GL
	Application Equipment	Heated butyl extruder Drum melting system
Certifications	Certifications and Declarations of Conformity	ASTM E2190 CEKAL EN 1279 pt. 2 + 3 + 4 IGCC RAL-GZ 520 (Sealants) UNI certification

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Additional Information

Storage

GD 115 should be used within the shelf life specified on the packaging. The storage stability applies to material stored under appropriate conditions only (original unopened containers, recommended storage temperature).

Safety

Please read our Safety Data Sheet (SDS) and the labels of each product before use. The valid safety regulations must be considered.

Preparation

Due to the huge variety of available substrates preliminary testing regarding adhesion and compatibility is strongly recommended.

Processing

Refer to the technical data table regarding processing parameters.

Cleaning

Clean tools immediately after use. Appropriate cleaners are listed in the product properties table.

Disposal

Please refer to the Safety Data Sheet (SDS) for appropriate disposal instructions.

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