

## TECHNICAL DATA SHEET



### 'POLYISOBUTYLENE (PRIMARY SEAL) FOR INSULATING GLASS UNITS'

#### APPLICATION FIELD

Butylver<sup>®</sup>, is a one part polyisobutylene PIB based material, totally solvent free especially formulated for use as the primary seal in double sealed units. PIB allows for minimum water vapor and gas permeation. Butylver<sup>®</sup> has excellent adhesion properties to glass and metal spacer systems and can be used together with conventional secondary sealants.

#### TECHNICAL DATA

##### • BASE

Polyisobutylene

##### • COLOUR

Black/Grey

##### • CONSISTENCY

Solid mass.

##### • DENSITY

Black Approximately 1.08 gr/cm<sup>3</sup>  
Grey Approximately 1.20 gr/cm<sup>3</sup>

##### • PROPERTIES

Moisture vapor transmission maximum 0.03 [gr/m<sup>2</sup> . 24hrs-2mm],  
in accordance to EN 1279/4

##### • GAS PERMEATION ON FILMS

0.749 x 10<sup>-3</sup> [gr/m<sup>2</sup> . hrs] in accordance to EN 1279/4

##### • VOLATILE CONTENT (70°C)

Max. 0.02 [%] in accordance to EN 1279/6

#### APPLICATION

Application surface's must be clean, dry and free from oily residue. Butylver<sup>®</sup> shall be applied at a temperature between 110°C and 130°C (Approx. 230°F to 266°F)

Check with extruder equipment manufacture for optimum equipment settings

#### STORAGE

One year stored in a dry clean environment - normal storage conditions

#### PRODUCT CLASSIFICATION

Not dangerous according to regulations in force.

#### PACKING

Black Cylinder type cardboard 'slug' packing

##### Available in:

2 Kg (4.4 Lb) slugs - 12 per box - approx. 5" diameter x 6" high  
7 Kg (15.4 Lb) slugs - 4 per box - approx. 7 1/4" diameter x 9" high  
Tape - 210' per roll / 10 rolls per box  
Drums - 200 Kg (440 Lbs)

Grey Cylinder type cardboard 'slug' packing

##### Available in:

7 Kg (15.4 Lb) slugs - 4 per box - approx. 7 1/4" diameter x 9" high

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