

# BONDERITE L-GP BN 4479 FA ACHESON

Known as ENDU BN 4479 FA

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## PRODUCT DESCRIPTION

BONDERITE L-GP BN 4479 FA ACHESON provides the following product characteristics:

<b>Technology</b>	Lubricant
Product Type	Boron nitride dispersion in solvent
<b>Application</b>	Protective coating

BONDERITE L-GP BN 4479 FA ACHESON is a colloidal dispersion of crystalline boron nitride in a solvent based media. BONDERITE L-GP BN 4479 FA ACHESON is sprayed on the surfaces to treat and forms an anti-adherent coating being an anti-diffusion barrier for the titanium alloys.

### Application

The high thermal resistance of boron nitride (up to 1,000 °C in air and 2,000 °C in inert atmosphere) makes BONDERITE L-GP BN 4479 FA ACHESON perfectly adapted to all metal forming operations at high temperatures especially for the super plastic forming of titanium:

- Tool coating or pretreatment of the billets to provide a good lubrication.
- Coating of the titanium sheets to develop an anti-diffusion barrier (SPF-DB technology).

## TECHNICAL DATA

### (as supplied)

Aspect	White fluid
Density at 20°C, kg/m <sup>3</sup>	1,100
Viscosity, mPa.s (Brookfield, 20°C)	300

## DIRECTION OF USE

### Preliminary Statement

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

### Method of Use

BONDERITE L-GP BN 4479 FA ACHESON needs to be carefully homogenized before use.

### Storage

Recommended Storage Temperature, °C	5 to 40
Shelf-life, months (in unopened original packaging)	6

## Classification

Please refer to the corresponding **Material Safety Data**

**Sheets** for details on:

**Hazards identification**

**Transport information**

**Regulatory information**

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