



Advanced Technical Products  
Supply Co., Inc.  
6186 Centre Park Drive  
West Chester, OH 45069  
USA

## TECHNICAL DATA SHEET

### ATP-493 Extrusion Glass

Description: A borosilicate glass with excellent lubricating and heat retention properties used in the forging/extrusion of titanium.

Properties:

Specific Gravity	2.2
Softening Point	1200 <sup>o</sup> F (649 <sup>o</sup> C)
Melting Point	1300 <sup>o</sup> F (704 <sup>o</sup> C)
Hot Working Range	1500 - 1900 <sup>o</sup> F (815-1038 <sup>o</sup> C)
Sieve Analysis	200 mesh

Composition:

- SiO<sub>2</sub>
- Na<sub>2</sub>O
- Al<sub>2</sub>O<sub>3</sub>
- B<sub>2</sub>O<sub>2</sub>
- LiO<sub>2</sub>

Packaging:

Bags	50 lbs
Fiber Drums	200 lbs
Tote Bags	500 lbs

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