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PHENOLICS

## NP193P



### Description

The NP193P is composed of aramid and “soft glass” fibers combined to make a fabric that is stronger than pure aramid and less abrasive than glass fabrics. This material is impregnated with a high temperature phenolic resin matrix which includes a non-conducting solid lubricant. It has excellent mechanical strength at elevated temperatures and adverse environments.

### Applications

Applications include wear plates for conveyor systems, valves plates, and compressor and pump vanes.

### Specifications

#### Technical Data

Specific gravity (ASTM D-792)	1.43
Tensile strength (ASTM D-638) (psi)	21 600
Flexural strength (ASTM D-790) (psi)	30 700
Compressive strength (ASTM D-695) (psi)	36 600
Hardness, M Scale (ASTM D-785)	85
Humidity absorption, 24 hours %	2.62

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.