



**INFORMATION  
BULLETIN**

**DURASTIR DP (directional)**

DURASTIR DP is a plug made from high-alumina low-moisture castable fortified with chrome. It is designed for maximum resistance to abrasion and erosion at temperatures to 3100 °F.

**Typical Chemical Analysis**

**Segments**

**Plug Body**

<b>Al<sub>2</sub>O<sub>3</sub></b>	%	91	93.5
<b>SiO<sub>2</sub></b>	%		0.29
<b>Fe<sub>2</sub>O<sub>3</sub></b>	%		0.12
<b>CaO</b>	%		1.4
<b>MgO</b>	%		0.02
<b>TiO<sub>2</sub></b>	%		1.75
<b>AlK</b>	%		0.04
<b>Cr<sub>2</sub>O<sub>3</sub></b>	%	4.5	3

**Typical as Received Properties: Castable Body**

<b>TEMP.</b> °F	<b>LINEAR CHANGE</b> %	<b>COLD MOR</b> PSI	<b>BULK DENSITY</b> PCF
500	0	1000-1500	190
1750	-0.1	1000-1200	188
3000	0.9	2000-2500	185

**Typical as Received Properties: Segments**

<b>APPARENT POROSITY</b> %	<b>BULK DENSITY</b> PCF
15	3

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