



**INFORMATION
BULLETIN**

DURASTIR ND (non-directional)

The DURASTIR ND is a purge plug whose porous element is a cylinder of corundum fortified with chrome. This plug has excellent stirring action and is very slag resistant.

Typical Chemical Analysis

Plug Body

Element

Al₂O₃	%	93.5	95.0
SiO₂	%	0.3	2.5
Fe₂O₃	%	0.1	0.1
CaO	%	1.4	0.2
MgO	%	0.0	0.1
TiO₂	%	1.8	0.0
AlK	%	0.0	0.3
Cr₂O₃	%	3.0	1.5

Typical as Received Properties: Plug Body

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

Typical As Received Properties: Porous Element

PERMEABILITY <i>centidarcys</i>	APPARENT POROSITY %	COLD MOR PSI	COLD CRUSHING STRENGTH Mpa	BULK DENSITY g/cc
1000	25	44	130	2.95

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