

## PIPE DATASHEET

	<b>BA Slurry Line</b>
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<b>Size</b>	:	350 NB
<b>Standard</b>	:	MS, ERW Pipe to IS:3589 Gr. FE 410
<b>Thickness</b>	:	9.5 mm thk (Minimum thickness will be limited to 9.0 mm)
<b>End Style</b>	:	Bevel Ends
<b>Insulation</b>	:	Not Required
<b>Hydrotest</b>	:	As per IS:3589
<b>Inspection &amp;</b>	:	As per approved QAP
<b>Manufacturer</b>	:	Jindal Pipes Ltd., Maharashtra Seamless Ltd., Tata Steel Ltd., SAIL

Bends:

PROPERTIES OF CAST BASALT BENDS TO BE USED IN BA SLURRY LINE		
Sr. No.	Properties	Value
1	DENSITY	2.8 TO 3.1 gm/Cub. cm
2	COMPRESSION STRENGTH	4500 KG/Sq. cm(min)
3	HARDNESS	8 MOH'S (min)
4	FLEXURAL STRENGTH	300 Kg/Sq.cm (min)

	<b>HCS D Line</b>
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### MOC: A 106 Grade B SEAMLESS CARBON STEEL PIPE

#### CHEMICAL REQUIREMENTS

<b>Composition (%)</b>	<b><u>A 106 Grade B SEAMLESS CARBON STEEL PIPE</u></b>
Carbon,max	As per A 106, Clause 7 table-1
Manganese	
Phosphorus, max	
Sulfur, max	
Silicon,min	
Chromium,max	
Molybdenum,max	
Vanadium,max	
Nickel, max	
Copper,max	

**Physical properties:**

Tensile strength, min, psi (Mpa)	As per A 106, Clause 10 table-2
Yield strength, min, psi (Mpa)	
Elongation in 50mm, min	

**Ordering information**

Pipe size(mm), Thickness (mm) & Pipe quantity in “mtrs.”	200 ID(Internal diameter) X 11.2 X 48000
Tolerance on thickness of pipe	No negative tolerance is allowed
Tolerance on internal diameter of pipe	As per manufacturer standard
Tolerance on outside diameter of pipe	As per ASTM A106
Length of each pipe	12 m with bevel end
Name of Material	<b>ASTM A 106</b> , Seamless carbon steel pipe
Grade	<b>B</b>
Manufacturing Type	Hot finished
Flattening, Bend test	As per code A 106
Design pressure of pipe	143 Bar
Hydrostatic test	Each length of pipe required to be hydrotested at a pressure of 195Bar.
Heat treatment	NA
Ultrasonic inspection	NA
Surface condition	Surfaces shall be cleaned & free of scale, dirt, grease & paint
End cap	At both end of pipe end cap to be fixed
Test report	Ladle & Product analysis MTC along with other reports as required
<b>Manufacturer</b>	Jindal Pipes Ltd., Maharastra Seamless Ltd., Tata Steel Ltd., SAIL