

## Bentoform Plus™

**Application**

Bentoform Plus is a high quality activated calcium bentonite ideally suited for use with high pressure automated moulding lines producing grey and ductile iron castings

### TYPICAL ANALYSIS

<b>Features</b>	<ul style="list-style-type: none"> <li>• High thermal durability</li> <li>• High compression and tensile strengths</li> <li>• Fast bond development</li> </ul>	
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• Reduced casting defects</li> <li>• Lower bentonite consumption</li> <li>• Operational cost savings</li> </ul>	
<b>General Data</b>	<b>Performance Characteristics</b>	
	CEC (Meq/100g)	86
	CEC Calcined (Meq/100g)	74
	Soluble Ca & Mg (Meq/100g)	20
	Free swell (2g/100ml)	25
<b>Moulding Properties</b>	<b>Tests in accordance with VDG P 60</b>	
	GCS (N/cm <sup>2</sup> )	11.5
	Wet Tensile Strength (N/cm <sup>2</sup> )	0.37
	DCS (N/cm <sup>2</sup> )	24.4
<b>Thermal Durability</b>	Crystalline moisture retained 650°C (%)	54
	Average property retention 650°C (%)	76
<b>Chemical Analysis</b>	SiO <sub>2</sub> 64.4 %	Na <sub>2</sub> O 0.2 %
	Al <sub>2</sub> O <sub>3</sub> 11.5 %	K <sub>2</sub> O 0.8%
	Fe <sub>2</sub> O <sub>3</sub> 0.7 %	CaO 2.8%
	MgO 2.8%	

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