

Pelletizing iron

Pelletizing Bentonite is a commercial grade of bentonite that holds specific properties, making it a perfect component in producing iron ore pellets as a binding agent. This grade, usually derived from Na bentonite, is capable of swelling up to many times, which is directly related to the Enslin value for pellets.



Element	SiO ₂	Al ₂ O ₃	CaO	Fe ₂ O ₃	K ₂ O	MgO	Na ₂ O	TiO ₂	LOI
Unit	%	%	%	%	%	%	%	%	%
DL	57/58	13/3	2/38	6/9	0/29	2/8	2/78	0/69	5-8

1	Percent of Montmorillonite	70-74
2	Gelling index after 8h	20-25
3	Gelling index after 24h	25-33
4	Swelling index after 2h - 2g	25-29
5	Percent of Moisture	7-10
6	Distribution 0/075 mm Distribution 200 Mesh	98%
7	PH	9/5-10/2
8	Wet Tensile Strength kgf/cm ²	17-18 g/cm ²
9	Green Compressive Strength kgf/cm ²	1100 g/cm ²