Hondo Chem

Product Description - Pellet binder CMC

Description:

In the ore pelletizing process, Pellet Binder CMC acts as a binder, which can effectively enhance the strength of the pellets and reduce the risk of cracking during drying and roasting, thereby improving the overall quality of the pellets. Compared with traditional bentonite, CMC uses less and does not introduce impurities, which helps to improve the grade of the finished ore pellets and make the smelting process more efficient.



Main functions:

Pellet Binder CMC improves the balling performance of ore powder, increases pellet strength, reduces pellet pulverization, and improves metallurgical properties. It could be used for the pelletization of nickel ore, manganese ore, chromium ore, etc., to improve the smelting adaptability of ore powder. It improves the bonding force of refractory materials, enhances the strength of the green body.

Physical and chemical indexes (analytical methods are available, according to GB1886.232-2016) :

CMC Parameters

Type	ML30	ML50	ML150	M50	M150	M300
Appearance	White or yellowish powder or granule					
Moisture	10% max					
D.S	0.9-1.0	0.9-1.0	0.9-1.0	0.9-1.0	0.9-1.0	0.8-0.9
Viscosity (Mpa.s)	2% solution			1% solution		
	30-50	50-100	150-400	50-100	150-200	300-500
Purity	As per customer requirement					

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