

Product Description - Mining flotation CMC

Description:

Mining flotation grade CMC can selectively inhibit the activity of gangue minerals (such as silicates and carbonates) during the flotation process, making it easier to recover the target minerals. It is suitable for the flotation of metal and non-metallic ores to improve the concentrate grade. It is suitable for a wide range of ores such as copper, lead, zinc, and phosphate, offering excellent compatibility.



Main functions:

Mining flotation CMC could inhibit gangue minerals such as quartz, calcite, and dolomite during flotation to improve the recovery rate of target minerals. It is used in copper-lead-zinc and molybdenum ore flotation processes to improve mineral surface characteristics and improve mineral separation selectivity. It could improve the separation efficiency of minerals in the flotation of copper oxide, lead oxide, and zinc oxide ores.

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					

