



Shandong Dragonintel Biotech Co.,ltd.

Pannan west road, Zhangdian District, Zibo city, Shandong,China

Recommended table for HPMC:

Viscosity (2% sol.NDJ-1)	Viscosity (2% sol. Brookfield)	Tile adhesive	Cement based mortar	Crack filler	Putty powder coating	External wall insulation system	Gypsum based plaster	Ceramic extrusion
400	400	-	-	-	-	-	-	-
4000	4000	-	☆☆	☆☆	-	-	-	-
40000	20000	-	☆☆	☆☆	-	-	-	☆☆
60000	30000	-	☆	☆	-	☆	-	☆☆
75000	35000	-	☆☆	-	-	-	-	-
100000	45000	-	☆	-	☆☆	☆☆	-	☆☆
100000S	45000	☆	☆☆	-	☆☆	☆☆	-	-
150000	55000	☆☆	-	-	☆	☆☆	☆☆	-
200000	65000	☆☆	-	-	☆	☆☆	-	-





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Comparison table of Brookfield viscometer and NDJ viscometer:

Range of viscosity (mpa.s) Brookfield HADV	Rotor number Brookfield HADV	Range of viscosity (mpa.s) NDJ-1,-4	Rotor number NDJ-1,-4
900-2000	2	900-2500	2
2000-3000	2	2500-5000	2
3000-5000	3	5000-8000	3
7000-9000	4	12000-15000	3
9000-11000	4	15000-18000	3
11000-18000	5	18000-35000	3
18000-25000	5	35000-50000	4
25000-35000	5	50000-65000	4
35000-45000	6	65000-90000	4
45000-55000	6	90000-150000	4
55000-65000	6	150000-250000	4
65000-80000	6	250000-600000	4
≥80000	7	≥600000	4

Remark:

1. According to NDJ-1 (-4) after the test of the viscosity range, choosing the corresponding Brookfield HADV rotor to NDJ-1(-4);
2. Brookfield DVII + When measuring viscosities in different ranges, testing at 20 ° C with speed under 20;
3. The viscosity under 900mpa.are all tested by NDJ-1;
4. When NDJ-1 determination range is greater than or equal to 100000mpa.s viscosity, the NDJ-4 measurement range greater than 10000mpa.s viscosity.

Note:

1. Before the viscosity of 4000 (the rotor number is 2), Brookfield and NDJ are basically 1: 1;
2. After viscosity of 4000 (the rotor number is greater than or equal to 3, and the greater, the more different it is), Brookfield and NDJ are basically 1: 2;
3. There are big difference in viscosity under 1% solution and 2% solution: 4000-5000 cps under 1% solution is equivalent to around 100000 cps under 2% solution, while, 75000 cps under 1% solution is equivalent to around 200000 cps under 2% solution.

