

Supply of Dowcal 200

Specifications:

Parameter	Value
Chemical	Propylene Glycol Water (Inhibited)
Composition by Weight	Propylene Glycol: 92% Performance Additives and water: 8% [Including Sodium Benzoate: <3.5% Boron Potassium Oxide (B4K2O7) Tetrahydrate: <2%]
PH (50% vol. solution in demineralized water)	7.2-7.6
Density	1000 to 1100 kg/m ³ @ 20° C
Reserve alkalinity, as concentrate	≥ 10.0 ml
Boiling Point (50% vol. solution in demineralized water)	≥ 100° C @ 1 bara
Freezing Point (50% vol. solution in demineralized water)	≤ (-)30° C
Specific Heat (50% vol. solution in demineralized water)	3420 to 3780 J/kg.K @ 25° C
Kinematic Viscosity (50% vol. solution in demineralized water)	6.5 to 7.2 mm ² /s @ 20° C
Dynamic Viscosity (50% vol. solution in demineralized water)	6.9 to 7.5 mPa.s @ 20° C
Thermal conductivity (50% vol. solution in demineralized water)	>0.35 W/mK @ 25° C

General Terms and Conditions

1. Pointwise Compliance to the technical specifications with values shall be provided in the quote.
2. COA/Test report as per ASTM for the specification shall be provided along with supplies.
3. Sample test report to be provided along with the quote.
4. Minimum shelf life shall be 1 year from the date of supply and Shelf Life shall be indicated in the quote.
5. Material compatibility certificate/datasheet for metallic and non-metallic materials to be provided along with the quote for the same batch of PGW.
6. Product data including date of manufacturing, shelf life and storage procedure/ conditions to be mentioned.
7. Shall be provided in Cans/Drums and the can/drum size shall be indicated in the quote.
8. Individual can shall be labelled with the above data (Refer SI 5).
9. Manufacturer certificate regarding the product shall be provided.
10. Authorised distributor certificate from Dow Chemical International Pvt Ltd shall be provided along with the quote.
11. Details of water quality for reconstituting Dowcal 200 to be provided.
12. Delivery schedule shall be within 4 weeks from order placement.