



Department of Chemical Engineering

Bangladesh University of Engineering and Technology (BUET)

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BRTC Date: March 31, 2021

BRTC No: 1102-33158/ChE/20-21

Requested by:
Mohammad Kashem
Team Leader
EEWP from Lalkhan Bazar to Shah Amanat
Airport Project, Chittagong
DDC, SARM, DPM & HNRBI(JV.)

Client's Reference : Memo No.
DDC/SARM/DPM/HNRBI/TL(EEWP)/BUET(BRTC)/21/857
Date: March 16, 2021

Sampling done by: The Client ChE
Department
Date of Sampling: NA

Sample received: Sealed Unsealed
Date of Testing: April 04-06, 2021

Sample Information:

Name: NEXPLAST MR 400-R

Source: NEXA Limited

Sample Location: Horse Yard, EEWP

Project: Construction of Elevated Expressway from Lalkhan Bazar to Shah Amanat Airport Chittagong

Table 1: Chemical Analysis Result of Admixture Supplied by Development Design Consultant Limited

Sl. No.	Test Parameters	Unit	Results	Methods Used
1.	pH @ 31 °C	--	6.37	Glass Electrode
2.	Specific Gravity@ 25 °C	--	1.12	ASTM C-494
3.	Solid Content	wt %	34.39	ASTM C-494
4.	Viscosity @ 40 °C	cP	34.27	ASTM D-88
5.	Chloride Content	%	0.009	ASTM E-291

Tests Supervised by:

12/04/21

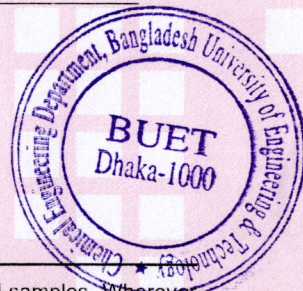
Dr. Md. Shahinoor Islam
Associate Professor
Department of Chemical
Engineering, BUET



Countersigned by:

12/04/21

Dr. Md. Tanvir Sowgath
BRTC Secretary
Associate Professor
Department of Chemical
Engineering, BUET



Disclaimer: Test was performed as per the samples were supplied (where applicable) and valid for exactly identical samples. Wherever applicable, ChE department/BRTC BUET is not responsible for any error/omission occurred during the sampling by the client.