

ANALYSIS REPORT
SCC Accreditation No.: 40‡

Mr. Steve Sennik
DMX Plastics Limited

Date: January 30, 2020
Report: 4701-024S-1A-en

IDENTIFICATION: Membrane: DMX 1-Step 2.0
Received: January 22, 2020

STANDARD:

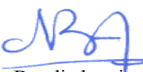
TEST: Standard Test Method for Determining the Short-Term Compression Behavior of Geosynthetics ASTM D6364-06 (2018)

TEST CONDITIONS: Conditioning atmosphere: 21°C, 65% R.H.;
Apparatus used: Dynamometer with a Constant Rate of Extension (CRE);
Date of test: January 24, 2020


RESULTS:	Individual Data					Avg.	S.D.	% CV
Representative length of the specimen (mm)	129.5							
Representative width of the specimen (mm)	129.5							
Representative test area (mm ²):	16770							
Rate of deformation (mm/min):	1							
Number of raised support:	49							
Reference thickness (under 20 kPa, mm):	4.63	4.64	4.75	4.78	4.76	4.71	0.07	1.5
Compressive stress at yield point (kPa):	615.8	594.9	565.2	537.4	641.4	590.9	41.0	6.9
Compressive stress at yield point (psi):	89.3	86.3	82.0	77.9	93.0	85.7	5.9	6.9
Compressive stress at yield point (psf):	12859	12421	11801	11221	13392	12 339	855	6.9
Deformation at yield point (mm):	1.38	1.29	1.32	1.26	1.44	1.34	0.07	5.4
Strain at yield point (%):	29.9	27.9	27.8	26.5	30.4	28.5	1.6	5.7

REMARKS: See curves in appendix.

Prepared by:


Nora Boudjedaïmi,
Technician

Approved by:


Alejandro Maupomé, Eng., Ph.D.
Project Leader

Date: January 30, 2020

****For any information concerning this report, please contact Alejandro Maupomé.****

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4701-024S-33921 _ ASTM D6364 _ DMX 1-Step 2.0

