GroupeCTTGroup
Division SAGEOS
Geosynthetics — Géosynthétiques

SCC Accredited LAB
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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 (mm²):	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.

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Project Leader

Date: January 30, 2020

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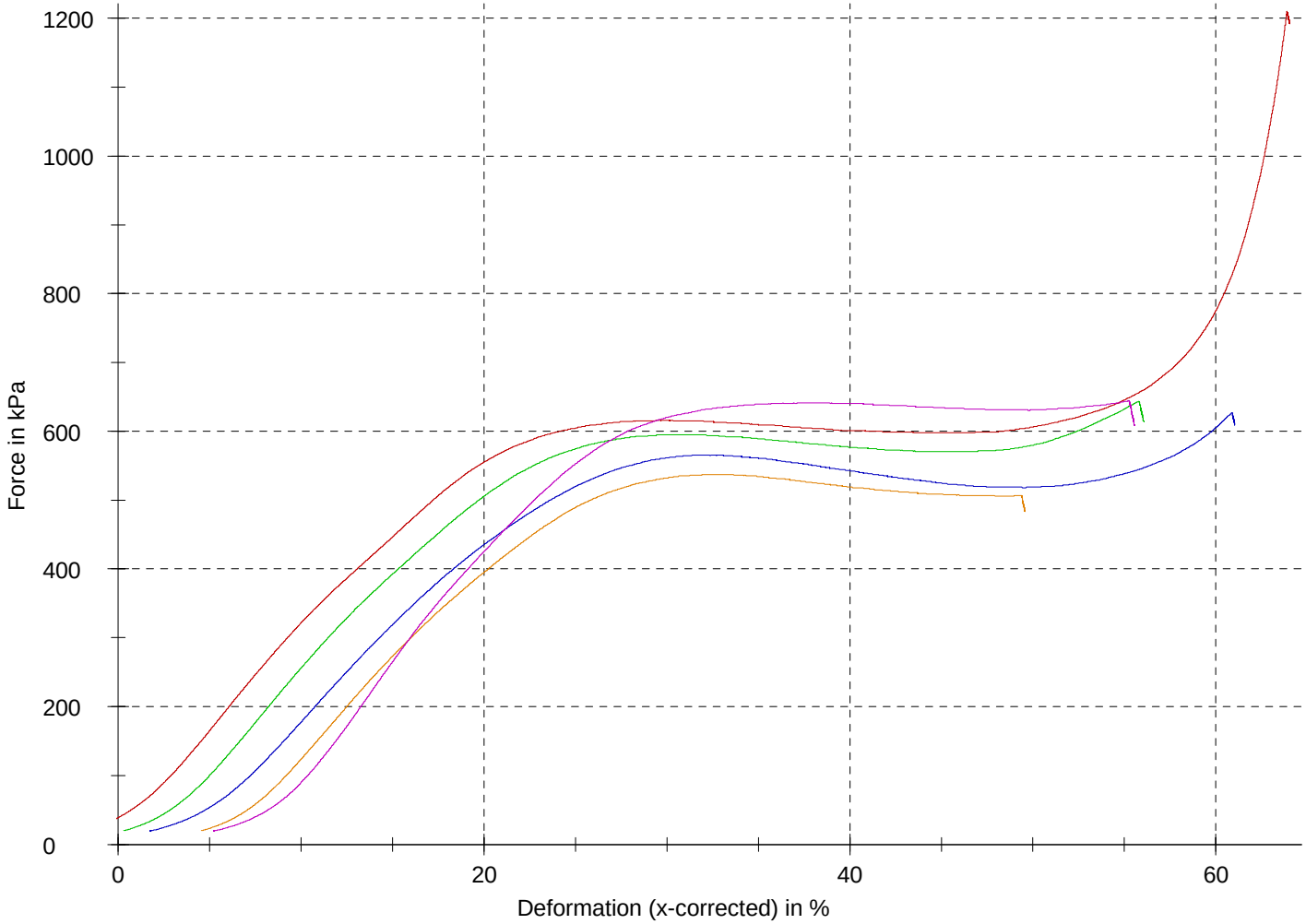
4701-024S-33921 _ ASTM D6364 _ DMX 1-Step 2.0



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