






Tensile properties

Customer : Nedex
 Project no. : 89211xxx
 Tester : MSS
 Test standard : EN 1279-4 H sample
 Specimen ID : 17.A071
 Material :
 Pre-treatment : after 96 h UV

Conditions : 23°C / 50 % RH
 Extensometer (path) : cross head
 Specimen grips : H-sample
 Pre-load : 5 N
 Test speed : 5 mm/min
 Load cell : 20kN

Results:

Legends	Nr	width b0 mm	thickness a0 mm	Kit height mm	A mm ²	σ-max MPa	ε Break %	σ c MPa	ε c %	Failure
	1	51.3	12.3	12.2	631.0	0.76	43	0.349	15.1	Cohesive
	2	51.7	12.4	12.2	641.1	0.75	41	0.349	15.1	Cohesive
	3	51.6	12.3	12.2	634.7	0.77	42	0.345	15.5	Cohesive
	4	51.0	12.4	12.2	632.4	0.72	40	0.343	15.7	Cohesive
	5	52.0	12.4	12.2	644.8	0.76	43	0.344	15.6	Cohesive

Statistics:

Series	width b0 mm	thickness a0 mm	A mm ²	Kit height mm	σ-max MPa	ε Break %	σ c MPa	ε c %
n = 5								
\bar{x}	51.5	12.4	636.8	12.2	0.75	42	0.346	15.4
s	0.4	0.1	5.9	0.0	0.02	1	0.003	0.3
v	0.74	0.44	0.93	0.00	2.32	3.35	0.88	1.97

Curves

