






Tensile properties

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

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	51.8	12.1	12.2	626.8	0.72	43	0.341	15.9	Cohesive
	2	51.4	12.1	12.2	621.9	0.76	45	0.340	16.0	Cohesive
	3	52.1	12.1	12.2	630.4	0.72	39	0.344	15.6	Cohesive
	5	51.5	12.1	12.2	623.2	0.67	36	0.342	15.8	Cohesive
	6	51.8	12.2	12.2	632.0	0.70	39	0.347	15.3	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}	51.7	12.1	626.8	12.2	0.71	40	0.343	15.7
s	0.3	0.0	4.4	0.0	0.03	4	0.003	0.3
v	0.54	0.37	0.70	0.00	4.47	9.45	0.77	1.69

Curves

