



# Connex500™ Digital Material™ Data Sheets

## VeroWhite + TangoBlack

Property	ASTM	Units	DM_8110	DM_8120	DM_8130
Tensile Strength	D-638-03	MPa	52	42	30
Modulus of Elasticity	D-638-03	MPa	2690	2400	1800
Elongation at Break	D-638-03	%	17	34	52
Flexural Strength	D-790-03	MPa	77	65	42
Flexural Modulus	D-790-03	MPa	2580	2190	1620
HDT at 0.45 MPa	D-648-06	°C	42	41	39
Notched Izod Impact	D-256	J/m	26	26	35

## TangoBlack + VeroWhite

Property	ASTM	Units	DM_9110	DM_9120	DM_9130
Tensile Strength	D-412	MPa	3	4	9
Elongation at Break	D-412	%	50	40	39
Tensile Tear Resistance	D-624 Die C	N/mm	8	15	47
Hardness Shore A	D-2240		80	85	95

## VeroWhite + VeroBlack

Property	ASTM	Units	DM_8310	DM_8320	DM_8330
Tensile Strength	D-638-03	MPa	48	48	48
Modulus of Elasticity	D-638-03	MPa	2750	2750	2750
Elongation at Break	D-638-03	%	25	25	25
Flexural Strength	D-790-03	MPa	78	78	78
Flexural Modulus	D-790-03	MPa	2570	2570	2570
HDT at 0.45 MPa	D-648-06	°C	41	41	41
Notched Izod Impact	D-256	J/m	26	26	26

## TangoBlack + VeroBlue

Property	ASTM	Units	DM_9210	DM_9220	DM_9230
Tensile Strength	D-412	MPa	3	4	9
Elongation at Break	D-412	%	50	40	39
Tensile Tear Resistance	D-624 Die C	N/mm	8	15	47
Hardness Shore A	D-2240		80	85	95

## TangoBlack + VeroBlack

Property	ASTM	Units	DM_9310	DM_9320	DM_9330
Tensile Strength	D-412	MPa	3	4	9
Elongation at Break	D-412	%	50	40	39
Tensile Tear Resistance	D-624 Die C	N/mm	8	15	47
Hardness Shore A	D-2240		80	85	95

## TangoBlack + FullCure720

Property	ASTM	Units	DM_9410	DM_9420	DM_9430
Tensile Strength	D-412	MPa	3	4	9
Elongation at Break	D-412	%	50	40	39
Tensile Tear Resistance	D-624 Die C	N/mm	8	15	47
Hardness Shore A	D-2240		80	85	95

## TangoGray + TangoBlack

Property	ASTM	Units	DM_9510
Tensile Strength	D-412	MPa	2
Elongation at Break	D-412	%	37
Tensile Tear Resistance	D-624 Die C	N/mm	6
Hardness Shore A	D-2240		65

## TangoGray + VeroBlack

Property	ASTM	Units	DM_9610
Tensile Strength	D-412	MPa	11
Elongation at Break	D-412	%	49
Tensile Tear Resistance	D-624 Die C	N/mm	47
Hardness Shore A	D-2240		80

## VeroBlue + VeroBlack

Property	ASTM	Units	DM_8210
Tensile Strength	D-638-03	MPa	48
Modulus of Elasticity	D-638-03	MPa	2750
Elongation at Break	D-638-03	%	25
Flexural Strength	D-790-03	MPa	78
Flexural Modulus	D-790-03	MPa	2570
HDT at 0.45 MPa	D-648-06	°C	41
Notched Izod Impact	D-256	J/m	26

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