Digital Materials Data Sheet

Rigid Opaque Materials

PRIMARY MATERIAL: VeroWhitePlus™ (RGD835)
SECONDARY MATERIAL: VeroBlackPlus™ (RGD875)

Property	ASTM	Units	Rgd8310-Dm, Rgd8320-Dm, Rgd8330-Dm
Tensile strength	D-638-03	MPa	50-65
Elongation at break	D-638-05	%	10-25
Modulus of elasticity	D-638-04	MPa	2000-3000
Flexural strength	D-790-03	MPa	75-110
Flexural modulus	D-790-04	MPa	2200-3200
HDT, oC @ 0.45MPa	D-648-06	°C	45-50
Izod notched impact	D-256-06	J/m	20-30

PRIMARY MATERIAL: VeroBlue™ (RGD840)
SECONDARY MATERIAL: VeroBlackPlus™ (RGD875)

Property	ASTM	Units	RGD8210-DM
Tensile strength	D-638-03	MPa	50-65
Elongation at break	D-638-05	%	10-25
Modulus of elasticity	D-638-04	MPa	2000-3000
Flexural strength	D-790-03	MPa	60-70
Flexural modulus	D-790-04	MPa	1900-2500
HDT, oC @ 0.45MPa	D-648-06	°C	45-50
Izod notched impact	D-256-06	J/m	20-30

PRIMARY MATERIAL: VeroWhitePlus™ (RGD835)
SECONDARY MATERIAL: TangoBlackPlus™ (FLX980) / TangoPlus™ (FLX930)

Property	ASTM	Units	RGD8505-DM RGD8510-DM RGD8515-DM RGD8520-DM	RGD8525-DM RGD8425-DM (ONLY OBJET TANGOPLUS FLX930)
Tensile strength	D-638-03	MPa	40-60	35-45
Elongation at break	D-638-05	%	15-25	20-30
Modulus of elasticity	D-638-04	MPa	1700-2300	1400-2000
Flexural strength	D-790-03	MPa	55-75	45-60
Flexural modulus	D-790-04	MPa	1500-2500	1400-1800
HDT, oC @ 0.45MPa	D-648-06	°C	40-45	40-43
Izod notched impact	D-256-06	J/m	22-35	22-35
Shore hardness (D)	D2240-05	Scale D	81.1-85.5	79.5-83.5

Digital Materials Data Sheet

PRIMARY MATERIAL: VeroBlackPlus™ (RGD875)
SECONDARY MATERIAL: TangoBlackPlus™ (FLX980) / TangoPlus™ (FLX930)

Property	ASTM	Units	RGD8555-DM RGD8455-DM
Tensile strength	D-638-03	MPa	35-45
Elongation at break	D-638-05	%	20-30
Modulus of elasticity	D-638-04	MPa	1400-2000
Flexural strength	D-790-03	MPa	45-60
Flexural modulus	D-790-04	MPa	1400-1800
HDT, oC @ 0.45MPa	D-648-06	°C	40-43
Izod notched impact	D-256-06	J/m	25-35
Shore hardness (D)	D2240-05	Scale D	79.5-83.5

PRIMARY MATERIAL: RGD525 (High Temp)
SECONDARY MATERIAL: TangoBlackPlus™ (FLX980)

Property	ASTM	Units	RGD5205-DM RGD5210-DM RGD5215-DM RGD5220-DM RGD5225-DM	RGD5250-DM*
Tensile strength	D-638-03	MPa	43-55	50-56
Elongation at break	D-638-05	%	9-15	18-27
Modulus of elasticity	D-638-04	MPa	1600-2700	1700-2400
Flexural strength	D-790-03	MPa	50-100	47-70
Flexural modulus	D-790-04	MPa	1700-2700	1400-2000
HDT, oC @ 0.45MPa	D-648-06	°C	46-60	50-56
Izod notched impact	D-256-06	J/m	16-19	16-26

PRIMARY MATERIAL: RGD525 (High Temp)
SECONDARY MATERIAL: TangoPlus™ (FLX930)

Property	ASTM	Units	RGD5150-DM
Tensile strength	D-638-03	MPa	45-60
Elongation at break	D-638-05	%	18-27
Modulus of elasticity	D-638-04	MPa	1700-2400
Flexural strength	D-790-03	MPa	47-70
Flexural modulus	D-790-04	MPa	1400-2000
HDT, oC @ 0.45MPa	D-648-06	°C	50-56
Izod notched impact	D-256-06	J/m	16-26

* VeroTM-like DM with higher temperature resistance
Find material properties for color materials on the Color Digital Materials Data Sheet.

Digital Materials Data Sheet

PRIMARY MATERIAL: VeroWhitePlus™ (RGD835)
SECONDARY MATERIAL: TangoBlack™ (FLX973)

Property	ASTM	Units	RGD8110 - DM	RGD8120 - DM	RGD8130 - DM
Tensile strength	D-638-03	MPa	45-65	46-65	27-33
Elongation at break	D-638-05	%	10-30	10-30	25-35
Modulus of elasticity	D-638-04	MPa	2000-3000	2000-3000	1500-2100
Flexural strength	D-790-03	MPa	70-100	70-100	40-50
Flexural modulus	D-790-04	MPa	2000-3000	2000-3000	1400-1800
HDT, oC @ 0.45MPa	D-648-06	°C	43-50	43-50	40-45
Izod notched impact	D-256-06	J/m	20-35	20-35	30-40

Transparent Materials

PRIMARY MATERIAL: RGD525 (High Temp)
SECONDARY MATERIAL: TangoBlackPlus™ (FLX980)

Property	ASTM	Units	RGD7513-DM (DOTS) RGD7523-DM (GRID)
Tensile strength	D-638-03	MPa	50-65
Elongation at break	D-638-05	%	15-25
Modulus of elasticity	D-638-04	MPa	2000-3000
Flexural strength	D-790-03	MPa	80-110
Flexural modulus	D-790-04	MPa	2700-3300
HDT, oC @ 0.45MPa	D-648-06	°C	45-50
Izod notched impact	D-256-06	J/m	20-30

PRIMARY MATERIAL: RGD720 (Transparent)
SECONDARY MATERIAL: TangoBlack™ (FLX973)

Property	ASTM	Units	RGD7210-DM	RGD7220-DM	RGD7230-DM
Tensile strength	D-638-03	MPa	50-55	50-55	45-50
Elongation at break	D-638-05	%	15-25	15-25	15-25
Modulus of elasticity	D-638-04	MPa	2200-2500	2000-2300	1700-2000
Flexural strength	D-790-03	MPa	80-90	75-85	70-80
Flexural modulus	D-790-04	MPa	2300-2700	2200-2600	2100-2400
HDT, oC @ 0.45MPa	D-648-06	°C	45-50	45-50	45-50
Izod notched impact	D-256-06	J/m	20-30	20-30	20-30

Digital Materials Data Sheet

PRIMARY MATERIAL: RGD720 (Transparent) SECONDARY MATERIAL: TangoBlack™ (FLX973)				
Property	**ASTM**	**Units**	**RGD8705-DM RGD8710-DM RGD8715-DM RGD8720-DM**	**RGD8625-DM RGD8725-DM**
Tensile strength	D-638-03	MPa	40-60	35-45
Elongation at break	D-638-05	%	15-25	20-30
Modulus of elasticity	D-638-04	MPa	1,700-2,300	1,400-2,000
Flexural strength	D-790-03	MPa	55-75	45-60
Flexural modulus	D-790-04	MPa	1,500-2,500	1,400-1,800
HDT, oC @ 0.45MPa	D-648-06	°C	40-45	40-43
Izod notched impact	D-256-06	J/m	22-35	25-35
Shore hardness (D)	D2240-05	Scale D	81.1-85.5	79.5-83.5

Simulated Polypropylene Materials

PRIMARY MATERIAL: Durus (RGD430, original simulated polypropylene) SECONDARY MATERIAL: VeroWhitePlus (RGD835), VeroBlue (RGD840), VeroBlackPlus (RGD875 or RGD720)			
Property	**ASTM**	**Units**	**RGD4310 DM RGD4410-DM RGD4510-DM RGD4710-DM**
Tensile strength	D-638-03	MPa	30-40
Elongation at break	D-638-05	%	40-50
Modulus of elasticity	D-638-04	MPa	1200-1600
Flexural strength	D-790-03	MPa	40-50
Flexural modulus	D-790-04	MPa	1300-1700
HDT, oC @ 0.45MPa	D-648-06	°C	40-45
Izod notched impact	D-256-06	J/m	35-45

PRIMARY MATERIAL: VeroWhitePlus (RGD835) SECONDARY MATERIAL: TangoPlus™ (FLX930) / TangoBlackPlus™ (FLX980)			
Property	**ASTM**	**Units**	**RGD8430-DM RGD8530-DM**
Tensile strength	D-638-03	MPa	29-38
Elongation at break	D-638-05	%	25-35
Modulus of elasticity	D-638-04	MPa	1100-1700
Flexural strength	D-790-03	MPa	35-45
Flexural modulus	D-790-04	MPa	1200-1500
HDT, oC @ 0.45MPa	D-648-06	°C	38-41
Izod notched impact	D-256-06	J/m	21-40
Shore hardness (D)	D2240-05	Scale D	76.1-81.7

Digital Materials Data Sheet

PRIMARY MATERIAL: VeroBlackPlus (RGD875) SECONDARY MATERIAL: TangoPlus™ (FLX930) / TangoBlackPlus™ (FLX980)			
Property	**ASTM**	**Units**	**RGD8460-DM RGD8560-DM**
Tensile strength	D-638-03	MPa	29-38
Elongation at break	D-638-05	%	25-35
Modulus of elasticity	D-638-04	MPa	1100-1700
Flexural strength	D-790-03	MPa	35-45
Flexural modulus	D-790-04	MPa	1200-1500
HDT, oC @ 0.45MPa	D-648-06	°C	38-41
Izod notched impact	D-256-06	J/m	21-40
Shore hardness (D)	D2240-05	Scale D	76.1-81.7

PRIMARY MATERIAL: VeroClear (RGD810) SECONDARY MATERIAL: TangoPlus™ (FLX930) / TangoBlackPlus™ (FLX980)			
Property	**ASTM**	**Units**	**RGD8630-DM RGD8730-DM**
Tensile strength	D-638-03	MPa	29-38
Elongation at break	D-638-05	%	25-35
Modulus of elasticity	D-638-04	MPa	1100-1700
Flexural strength	D-790-03	MPa	35-45
Flexural modulus	D-790-04	MPa	1200-1500
HDT, oC @ 0.45MPa	D-648-06	°C	38-41
Izod notched impact	D-256-06	J/m	21-40
Shore hardness (D)	D2240-05	Scale D	76.1-81.7

PRIMARY MATERIAL: Rigur (RGD450, advanced simulated polypropylene) SECONDARY MATERIAL: TangoBlackPlus™ (FLX980)			
Property	**ASTM**	**Units**	**RGD4805-DM RGD4810-DM RGD4815-DM RGD4820-DM**
Tensile strength	D-638-03	MPa	25-45
Elongation at break	D-638-05	%	35-45
Modulus of elasticity	D-638-04	MPa	1200-1800
Flexural strength	D-790-03	MPa	30-40
Flexural modulus	D-790-04	MPa	1000-1400
HDT, oC @ 0.45MPa	D-648-06	°C	43-48
Izod notched impact	D-256-06	J/m	50-70
Shore hardness (D)	D2240-05	Scale D	81.1-85.5

Digital Materials Data Sheet

PRIMARY MATERIAL: Rigur (RGD450, advanced simulated polypropylene)
SECONDARY MATERIAL: TangoPlus™ (FLX930) / TangoBlackPlus™ (FLX980)

Property	ASTM	Units	RGD4825-DM RGD4830-DM RGD4625-DM RGD4630-DM
Tensile strength	D-638-03	MPa	25-45
Elongation at break	D-638-05	%	35-45
Modulus of elasticity	D-638-04	MPa	900-1500
Flexural strength	D-790-03	MPa	20-35
Flexural modulus	D-790-04	MPa	800-1200
HDT, oC @ 0.45MPa	D-648-06	°C	43-46
Izod notched impact	D-256-06	J/m	50-70
Shore hardness (D)	D2240-05	Scale D	79.5-83.5

PRIMARY MATERIAL: Rigur (RGD450, advanced simulated polypropylene)
SECONDARY MATERIAL: Agilus30™ (FLX935) / Agilus30™Black (FLX985)

Property	ASTM	Units	Balanced Rigidity	PP-Like
Tensile strength	D-638-03	Mpa	30-40	25-35
Elongation at break	D-638-05	%	20-28	22-30
Modulus of elasticity	D-638-04	Mpa	1600-2400	1300-1900
Flexural strength	D-790-03	Mpa	40-50	30-40
Flexural modulus	D-790-04	Mpa	1100-1700	900-1300
HDT, °C @ 0.45MPa	D-648-06	°C	45-50	43-48
Izod notched impact	D-256-06	J/m	17-23	16-23

PRIMARY MATERIAL: Vero™
SECONDARY MATERIAL: Agilus30™ (FLX935) / Agilus30™Black (FLX985)

Property	ASTM	Units	Balanced Rigidity	PP-Like
Tensile strength	D-638-03	Mpa	35-45	30-40
Elongation at break	D-638-05	%	8-16	14-22
Modulus of elasticity	D-638-04	Mpa	2000-2600	1800-2500
Flexural strength	D-790-03	Mpa	50-60	35-45
Flexural modulus	D-790-04	Mpa	1400-1800	1200-1600
HDT, °C @ 0.45MPa	D-648-06	°C	42-46	40-45
Izod notched impact	D-256-06	J/m	15-20	15-22

PRIMARY MATERIAL: Vero™ SECONDARY MATERIAL: Elastico™Clear (FLX934) / Elastico™Black (FLX984)				
Property	**ASTM**	**Unit**	**Balanced rigidity**	**PP-Like**
Tensile strength	D-638-03	Mpa	25-40	20-35
Elongation at break	D-638-05	%	14-22	18-28
Modulus of elasticity	D-638-04	Mpa	1400-2200	1200-2000
Flexural strength	D-790-03	Mpa	70-82	50-65
Flexural modulus	D-790-04	Mpa	1200-1500	1000-1300
HDT, °C @ 0.45MPa	D-648-06	°C	35-50	35-45
Izod notched impact	D-256-06	J/m	14-21	15-22

*PP-like and Balanced rigidity DMs are the last and one before that on the DMs list

Rubber-Like Materials

PRIMARY MATERIAL: TangoBlackPlus™ (FLX980) / TangoPlus™ (FLX930) SECONDARY MATERIAL: VeroWhitePlus (RGD835)								
Property	**ASTM**	**Units**	**FLX9840-DM FLX9740-DM**	**FLX9850-DM FLX9750-DM**	**FLX9860-DM FLX9760-DM**	**FLX9870-DM FLX9770-DM**	**FLX9885-DM FLX9785-DM**	**FLX9895-DM FLX9795-DM**
Tensile strength	D-412	MPa	1.3-1.8	1.9-3.0	2.5-4.0	3.5-5.0	5.0-7.0	8.5-10.0
Elongation at break	D-412	%	110-130	95-110	75-85	65-80	55-65	35-45
Shore hardness (A)	D-2240	Scale A	35-40	45-50	57-63	68-72	80-85	92-95
Tensile tear resistance	D-624	Kg/cm	5.5-7.5	7.5-9.5	11-13	15.5-17.5	23-25	41-44

PRIMARY MATERIAL: TangoBlackPlus™ (FLX980) / TangoPlus™ (FLX930) SECONDARY MATERIAL: VeroClear (RGD810)								
Property	**ASTM**	**Units**	**FLX9040-DM FLX9940-DM**	**FLX9050-DM FLX9950-DM**	**FLX9060-DM FLX9960-DM**	**FLX9070-DM FLX9970-DM**	**FLX9085-DM FLX9985-DM**	**FLX9095-DM FLX9995-DM**
Tensile strength	D-412	MPa	1.3-1.8	1.9-3.0	2.5-4.0	3.5-5.0	5.0-7.0	8.5-10.0
Elongation at break	D-412	%	110-130	95-110	75-85	65-80	55-65	35-45
Shore hardness (A)	D-2240	Scale A	35-40	45-50	57-63	68-72	80-85	92-95
Tensile tear resistance	D-624	Kg/cm	5.5-7.5	7.5-9.5	11-13	15.5-17.5	23-25	41-44

Digital Materials Data Sheet

PRIMARY MATERIAL: TangoGray™ (FLX950)
SECONDARY MATERIAL: VeroBlackPlus (RGD875)

Property	ASTM	Units	FLX9610-DM
Tensile strength	D-412	MPa	9-13
Elongation at break	D-412	%	45-55
Shore hardness (A)	D-2240	Scale A	75-85
Tensile tear resistance	D-624	Kg/cm	45-50

PRIMARY MATERIAL: TangoGray™ (FLX950)
SECONDARY MATERIAL: TangoBlack™ (FLX973)

Property	ASTM	Units	FLX9510-DM
Tensile strength	D-412	MPa	1-3
Elongation at break	D-412	%	35-45
Shore hardness (A)	D-2240	Scale A	60-70
Tensile tear resistance	D-624	Kg/cm	5.0-7.0

PRIMARY MATERIAL: TangoBlackPlus™ (FLX980) / TangoPlus™ (FLX930)
SECONDARY MATERIAL: RGD525 (High Temp)

Property	ASTM	Units	FLX9540-DM FLX9640-DM	FLX9550-DM FLX9650-DM	FLX9560-DM FLX9660-DM	FLX9570-DM FLX9670-DM	FLX9585-DM FLX9685-DM	FLX9595-DM FLX9695-DM
Tensile strength	D-412	MPa	1.3-1.8	2.0-2.8	2.8-4.0	3.8-4.9	6.0-7.3	9.0-12
Elongation at break	D-412	%	110-130	80-100	60-80	50-70	35-50	27-40
Shore hardness (A)	D-2240	Scale A	39-41	52-55	60-67	70-78	85-87	95-96
Tensile tear resistance	D-624	Kg/cm	5.0-7.0	8.0-10.0	10.5-12.5	13-15	22.5-24.5	45-47

PRIMARY MATERIAL: TangoBlackPlus™ (FLX980) / TangoPlus™ (FLX930)
SECONDARY MATERIAL: VeroBlackPlus (RGD875)

Property	ASTM	Units	FLX2140-DM FLX2040-DM	FLX2150-DM FLX2050-DM	FLX2160-DM FLX2060-DM	FLX2170-DM FLX2070-DM	FLX2185-DM FLX2085-DM	FLX2195-DM FLX2095-DM
Tensile strength	D-412	MPa	1.3-1.8	1.9-3.0	2.5-4.0	3.5-5	5.5-7.0	8.5-10
Elongation at break	D-412	%	110-130	95-110	75-85	65-80	55-65	35-45
Shore hardness (A)	D-2240	Scale A	35-40	45-50	57-63	68-72	80-85	92-95
Tensile tear resistance	D-624	Kg/cm	5.5-7.5	7.5-9.5	11.0-13.0	15.5-17.5	23-25	41-44

PRIMARY MATERIAL: TangoBlack™ (FLX973)
SECONDARY MATERIAL: VeroWhitePlus (RGD835) (I), VeroBlue (RGD840) (III), VeroBlackPlus (RGD875) (IIII), RGD720 (II)

Property	ASTM	Units	FLX9110-DM(I) FLX9410-DM (II) FLX9210-DM (III) FLX9310-DM (IIII)	FLX9120-DM (I) FLX9420-DM (II) FLX9220-DM (III) FLX9320-DM (IIII)	FLX9130-DM (I) FLX9430-DM (II) FLX9230-DM (III) FLX9330-DM (IIII)
Tensile strength	D-412	MPa	2-4	3-5	7-11
Elongation at break	D-412	%	45-55	35-45	35-45
Modulus of elasticity	D-2240	Scale A	75-85	80-90	90-100
Flexural strength	D-624	Kg/cm	7-9	13-17	45-50

Digital Materials Data Sheet

PRIMARY MATERIAL: TangoBlackPlus™ (FLX980) / TangoPlus™ (FLX930)
SECONDARY MATERIAL: Digital ABS Plus IVORY

Property	ASTM	Units	FLX95540-DM FLX95040-DM	FLX95550-DM FLX95050-DM	FLX95560-DM FLX95060-DM	FLX95570-DM FLX95070-DM	FLX95585-DM FLX95085-DM	FLX2195-DM FLX2095-DM
Tensile strength	D-412	MPa	2.3-2.5	3.2-3.5	3.8-4.3	4.7-5.0	7.0-7.7	9.8-10.6
Elongation at break	D-412	%	145-155	125-135	95-110	80-90	50-65	40-50
Shore hardness (A)	D-2240	Scale A	35-45	45-55	55-65	65-75	80-90	90-100
Tensile tear resistance	D-624	Kg/cm	5.5-6.5	8.5-10.5	10.0-12.0	13-15	22-26	42-52

PRIMARY MATERIAL: Agilus30™ (FLX935) / Agilus30™Black (FLX985)
SECONDARY MATERIAL: Vero™

Property	ASTM	Units	FLX9740 FLX9840	FLX9750 FLX9850	FLX9760 FLX9860	FLX9770 FLX9870	FLX9785 FLX9885	FLX9795 FLX9895
Tensile strength	D-412	MPa	3-4	3-4	3.5-4.5	4-6	6-10	10-14
Elongation at break	D-412	%	190-210	170-210	150-170	120-140	70-90	50-70
Shore hardness (A)	D-2240	Scale A	40-50	50-55	55-60	60-70	80-85	85-90
Tensile tear resistance	D-624	Kg/cm	6.0-8.0	7.0-9.0	7.0-10.0	12.0-14.0	22.0-26.0	26.0-30.0

PRIMARY MATERIAL: TangoBlackPlus™ (FLX980) / TangoPlus™ (FLX930)
SECONDARY MATERIAL: Rigur

Property	ASTM	Units	FLX4640-DM FLX4840-DM	FLX4650-DM FLX4850-DM	FLX4660-DM FLX4860-DM	FLX4670-DM FLX4870-DM	FLX4685-DM FLX4885-DM	FLX4695-DM FLX4895-DM
Tensile strength	D-412	MPa	1.3-1.8	1.9-3.0	2.5-4.0	3.5-5.0	5.0-7.0	8.5-10.0
Elongation at break	D-412	%	110-130	95-110	75-85	65-80	55-65	35-45
Shore hardness (A)	D-2240	Scale A	35-40	45-50	57-63	68-72	80-85	92-95
Tensile tear resistance	D-624	Kg/cm	5.5-7.5	7.5-9.5	11-13	15.5-17.5	23-25	41-44

PRIMARY MATERIAL: Agilus30™ (FLX935) / Agilus30™Black (FLX985)
SECONDARY MATERIAL: Digital ABS Plus IVORY

Property	ASTM	Units	FLX95040 FLX95540	FLX95050 FLX95550	FLX95060 FLX95560	FLX95070 FLX95570	FLX95085 FLX95585	FLX95095 FLX95595
Tensile strength	D-412	MPa	2.5-3	2.5-3	3.5-4	4.5-6	6-8	9-11
Elongation at break	D-412	%	180-200	160-180	120-140	90-100	70-80	40-60
Shore hardness (A)	D-2240	Scale A	40-50	45-55	50-60	65-70	80-85	85-90
Tensile tear resistance	D-624	Kg/cm	5.0-7.0	6.0-8.0	7.0-9.0	12.0-15.0	15-19	25-29

PRIMARY MATERIAL: Agilus30™ (FLX935) / Agilus30™Black (FLX985)
SECONDARY MATERIAL: Rigur (RGD450, advanced simulated polypropylene)

Property	ASTM	Units	FLX4640 FLX4840	FLX4650 FLX4850	FLX4660 FLX4860	FLX4670 FLX4870	FLX4685 FLX4885	FLX4695 FLX4895
Tensile strength	D-412	MPa	2.5-3	2.5-3	3-4	3.5-5	5.5-8.5	9-13
Elongation at break	D-412	%	190-210	170-190	150-170	120-140	80-100	50-80
Shore hardness (A)	D-2240	Scale A	40-50	50-60	55-60	65-75	85-90	85-95
Tensile tear resistance	D-624	Kg/cm	4.0-6.0	5.0-9.0	6.0-10.0	8.0-12.0	16-20	25.0-29.0

Digital Materials Data Sheet

PRIMARY MATERIAL: Elastico™Clear (FLX934) / Elastico™Black (FLX984) SECONDARY MATERIAL: Vero™							
Property	**ASTM**	**Unit**	**XX50**	**XX60**	**XX70**	**XX85**	**XX95**
Tensile strength	D-412	Mpa	2-3.5	3-4.5	4-5.5	6-8.5	10-13
Elongation at break	D-412	%	250-350	200-280	160-240	110-160	75-105
Shore hardness (A)	D-2240	Scale A	42-50	52-60	62-72	80-87	90-96
Tensile tear resistance	D-624	kg/cm	4.5-6	6.5-9.5	9-12.5	17-24	34-50

PRIMARY MATERIAL: Elastico™Clear (FLX934) / Elastico™Black (FLX984) SECONDARY MATERIAL: Digital ABS Plus IVORY							
Property	**ASTM**	**Unit**	**FLXA95050-DM FLXA95550-DM**	**FLXA95060-DM FLXA95560-DM**	**FLXA95070-DM FLXA95570-DM**	**FLXA95085-DM FLXA95585-DM**	**FLXA95095-DM FLXA95595-DM**
Tensile strength	D-412	Mpa	2-3.5	3-4.5	4-5.5	6-8.5	10-13
Elongation at break	D-412	%	250-350	200-280	160-240	110-160	75-105
Shore hardness	D-2240	Scale A	42-50	52-60	62-72	80-87	90-96
Tensile tear resistance	D-624	kg/cm	4.5-6	6.5-9.5	9-12.5	17-24	34-50

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