

Rubber-like Materials

Digital Materials expand the possibilities by blending two or three base resins to create nearly 1,000 composite materials with specific, predictable properties. Achieve a range of hues, translucencies, Shore A values and other properties to give your most imaginative prototypes exceptional end-product realism.

Mechanical Properties	Tango-Black*	TangoPlus	DM9840	DM9850	DM9860	DM9870	DM9885	DM9895
Tensile Strength, MPa	0,8-1,5	0,8-1,5	1,3-1,8	1,9-3,0	2,5-4,0	3,5-5,0	5,0-7,0	8,5-10
Elongation at break, %	170-220	170-220	110-130	95-110	75-85	65-80	55-65	35-45
Compressive set, %	4-5	4-5	-	-	-	-	-	-
Shore Hardness, A	26-28	26-28	40	50	60	70	85	95
Tensile Tear resistance,Kg/cm	2-4	2-4	5,5-7,5	7,5-9,5	11-13	15,5-17,5	23-25	41-44
Polymerized density, g/cm3	1,12-1,13	1,12-1,13						