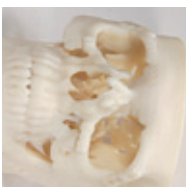


FULLCURE® FullCure® Materials Datasheet



Properties	Standard	Procedure	FullCure® 720	Verowhite	Veroblue	Veroblack	Tangoblack	TangoGray
------------	----------	-----------	---------------	-----------	----------	-----------	------------	-----------

Tensile Strength MPa	D-638	60.3	49.8	55.1	50.7	-	-	-
Elongation at break, %	D-638	15%-25%	15%-25%	15%-25%	17.7%	-	-	-
Modulus of Elasticity, MPa	D-638	2,870.0	2,495.0	2,740.0	2,192.0	-	-	-
Flexural Strength, MPa	D790	75.8	74.6	83.6	79.6	-	-	-
Flexural Modulus, MPa	D790	1,718.0	2,137.0	1,983.0	2,276.0	-	-	-
Izod Notched Impact, J/m	D256	39.6	37.5	42.5	-	-	-	-
Compression Strength, MPa	D695	84.3	-	79.3	-	-	-	-
SHORE	Scale D	83.0	83.0	83.0	83.0	-	-	-
Rockwell	Scale M	81.0	81.0	81.0	-	-	-	-
Heat Distortion Temperature, °C	D648 @0.45Mpa	48.4	47.6	48.8	47	-	-	-
	@ 1.82Mpa	44.4	43.6	44.8	42.9	-	-	-
Tg, °C	DMA, E"	48.7	58.0	48.7	62.7	-	-	-
A sh Content		<0.01%	<0.40%	<0.30%	-	-	-	-
Tensile Strength MPa	ASTM D - 412	-	-	-	-	2.0	4.36	
Elongation at break, %	ASTM D - 412	-	-	-	-	47.7	47.0	
Compression set, %	ASTM D - 395	-	-	-	-	0.8	1.0	
SHORE A Hardness, Deg	ASTM D - 2240	-	-	-	-	61.0	75.0	
Tensile Tear Resistance, Kg/cm	ASTM D - 624	-	-	-	-	3.8	9.5	
Tg, °C	DSC (80 °c +100 °c)	-	-	-	-	-10.7	+2.6	