



Production technology
Multi Jet Fusion /MJF/ - HP 5210

Material	Nylon PA12	Nylon PA12 - Glass Beads 40%	Nylon PA11	Polypropylene PP
Natural color	gray	gray	gray	gray
Density	1,01 g/cm ³	1,30 g/cm ³	1,05 g/cm ³	0,87 g/cm ³
Maximum size	380x284x380 mm	380x284x380 mm	380x284x340 mm	250x250x250 mm
Minimum tolerance	±0,30mm do 100mm ±0,3% nad 100mm	±0,40mm do 100mm ±0,4% nad 100mm	±0,50mm do 100mm ±0,5% nad 100mm	±0,60mm do 100mm ±0,6% nad 100mm
Tensile strength (MPa)	42-46	28	44-46	30-32
Young's modulus (GPa)	1900	2600	1700-1800	1600
Elongation at break (%)	12	5-9	31	20
Impact resistance (IZOD) (KJ/m ²)	3,8	3	4,5-7,0	3,0-3,5
Melting point (°C)	187	-	202	140
Rockwell scale	Shore D 80	-	Shore D 80	-
HDT (0.45 MPa) (°C)	175	171	185	100
HDT (1.80 MPa) (°C)	95	114	54	60