

Model Making

This table compares the standard material we use with comparable production materials. We continually update this table because we are always testing new materials for suitability. If they pass these tests, we offer them to our customers.

Schneider Material	comparable Series-Material	Shore-Hardness	Breaking Elongation (%)	Heat Resistance (°C)	E-Modul (N/qmm)	Impact Strength (kJ/qm)
SP – STL CLEAR	ABS / PC	80 D	3 - 15	51	1980 - 2310	40 - 58
SP – STL New ABS	ABS / PP	86 D	14 - 22	62	1790 - 1980	35 - 52
SP – SLS PA	PA6	75 D	16	90 - 130	1600	>150, no break
SP – SLS PA GF	PA6GF30	77 D	5	130	4000	41
SP – SLS Al	PA – Alu Mixture	75 D	9	137	4000	130