

Product properties

	PA 652/ PA 657	PA 633/ PA 638	PA 641/ PA 646	PA 673/ PA 678	PA 6797	PA 2035
colour	amber/ black	amber/ black	amber/ black	amber/ black	black	black
application °C*	-40/ +100	-40/ + 130	-40/ +130	-40/ +140	-20/ +60	-20/ +150
Shore-hardness	A 77	A 90	A 92	A 90	A 60	D 42
Tensile strengt hat rupture N/mm²	2,7	5,2	11,0	5,6	0,7	12
Elongation at rupture %	400	400	800	400	300	500
Adhesion to PVC	++++	+++	++++	+++	+++++	+
Adhesion to PA 6.6	++++	++	+	+	++++	+
UL-listing UL94	V0	V0	V0	V0	V0	V0
Dielectric constant 1kHz	5-7	5-7	5-7	5-7	6-8	5-7
Volume resistivity Ω cm	10 ¹²	10 ¹³	10 ¹²	10 ¹²	10 ¹¹	10 ¹²
Dielectric strength kV/mm	~20	~20	~20	~20	~20	~20
Glas transition temperature °C	-45	-36	-35	-45	-18	-20
Softening point °C	155 ± 5	175 ± 5	175 ± 5	185 ± 5	120 ± 5	200 ± 5
Viscosity at 210°C mPa s	4000 ± 1000	3700 ± 800	7000 ± 2000	3000 ± 800	2500 ± 500	5000 ± 2000

*Depending on the project