



		MECHANICAL CHARACTERISTICS			THERMIC CHARACTERISTICS			ELECTRIC CHARACTERISTICS			OTHERS	
		specific gravity	elastic modulus	impact strength	softening temp.	thermal conductivity	specific heat capacity	breakdown voltage	volume resistivity	surface resistivity	Price (0 = basic)	water absorption
Thermoplastic characteristics		g/cm ³	N/mm ²	Kj/m ²	°C	W/m °K	J/g °K	kV/mm	Ω cm	Ω	€	%
PVC S	polyvinylchloride soft	1,30	--	No break	40	0,12	1,17	12	10 ¹³	10 ¹²	+	--
PVC HT	polyvinylchloride rigid transparent	1,34	2560	2	69	0,16	1,17	13	10 ¹⁵	10 ¹³	0	0,1%/4cl
PVC H	polyvinylchloride rigid	1,53	3400	3	83	0,17	1,17	13	10 ¹⁵	10 ¹³	-	0,1%/4cl
PVC HI	polyvinylchloride high impact	1,47	2250	10	80	0,16	1,18	12	10 ¹⁵	10 ¹²	+	0,1%/4cl
ABS	acrylonitrilbutadiënestyrene high impact	1,08	1600	36	92	0,16	1,25	32 - 38	10 ¹⁵	5.10 ¹⁴	+	0,2 - 0,3
ASA	acrylonitrile styrene acrylate	1,07	2500		104			35	10 ¹²	10 ¹³	+++	1,65
PC	polycarbonate	1,20	2300	No break	146	0,20	1,17	30	10 ¹⁶	10 ¹⁵	+++	0,35
PMMA	polymethylmethacrylate	1,19	3300	12	96	0,16	1,47	30	10 ¹⁵	5.10 ¹³	+++	0,30
PE LD	polyethylene low density	0,92	900	No break	70	0,35/0,42	1,84	90	10 ¹⁵	10 ¹³	-	0,01
PP	polypropylene	0,90	1150	No break	73	0,22	1,72	50	10 ¹⁶	10 ¹³	-	0,01%/4cl
PS	polystyrene high impact	1,05	2200	--	92	0,17	1,22	150	10 ¹⁶	>10 ¹³	+	<0,10
PUR	polyurethane elastomer	1,18	500 - 1000	--	--	0,19	1,89	25 - 27	5.10 ¹⁰	1.10 ¹⁰	+++	0,24
PPO	polyphenylene oxide	1,06	2500	300	130	0,22	1,20	20	10 ¹⁵	10 ¹⁶	+++	0,08
PET	polyethyleentereftalaat	1,27	2150	33	83			16	10 ¹⁵	10 ¹⁶	0	0,20
PA 6	polyamide 6	1,14	3100	No break	95	0,23		40	10 ¹²	10 ¹⁰	+++	2,20