

PVC COMPOUNDS

Product portfolio

Example selection PVC product range

Product type	Density (g/cm ³)	Tensile strength (Mpa)	Elongation at break (%)	Shore hardness	Oxygen index LOI (%)	Isolation	Coat	Flame retardancy	Special features
Standard Compounds									
Y0200 BF	1,46	17	250	44 D	–	•	•	*	Standard, Y17, YM5, TI52, TM52
Y0500 BF	1,51	14	270	89 A	–	•	•	*	Standard, Y12, YM3
Y0700 BF	1,39	12	320	77 A	–	–	•	*	Flexible applications, YM2, TM2
Y1500 BF	1,50	17	250	40 D	31	–	•	**	Standard, flame-retardant, YM3, TM52
Y2100 BF	1,31	25	280	54 D	–	•	–	*	Standard, Y17, TI54
Y6100 BF	1,36	24	270	49 D	–	•	–	*	Standard, Y17
KU 9 BF	1,28	14	350	64 A	–	–	•	*	PVC-NBR compound, flexible, matt surface
Heat resistant Compounds									
Y0400 BF	1,31	30	320	55 D	–	•	–	*	UL 105°C, Fire class UL94 94V-0
Y1100 BF	1,36	21	270	52 D	–	•	–	*	High temperature stress, automotive
Y1400 BF	1,31	22	300	48 D	–	•	–	*	UL 105°C, UL-registered, application smallest wall thicknesses
Y2400 BF	1,46	18	250	42 D	30	–	•	**	TM53, UL 105°C, UL-registered, Flame retardant
Y4200 BF	1,45	18	300	48 D	30	–	•	**	TM54, Flame retardant
Y5200 BF	1,58	14	250	48 D	32	–	•	***	Low smoke, UL94 94V-0, termite protection
KU 125-96	1,32	18	250	54 D	–	•	–	*	Automotive application 125°C
KU 125-88	1,27	23	270	45 D	–	•	–	*	Automotive application 125°C
Cold flexible Compounds									
Y0900 BF	1,42	14	300	80 A	33	–	•	***	High cold flexibility and flame resistance
Oil resistant Compounds									
Y2700 BF	1,39	17	330	73 A	29	–	•	**	YM5, TM54, TM55, flame retardant
Y8100 BF	1,39	24	300	46 D	–	•	–	*	UL 105°C, application smallest wall thicknesses
KU 92 BF	1,41	16	350	75 A	25	–	•	*	YM3, very good oil resistance
Transparent Compounds									
Y0318 BF	1,19	16	320	74 A	–	–	•	*	Flexible sheath mix, YM2, TM52
KU 41 BF	1,23	18	300	90 A	–	•	•	*	Y12, YM2, TI52, TM52
Cable Filler Compounds									
Y1800 BF	1,78	8	220	42 D	–	–	–	**	UL 105°C, UL94 94V-0, standing filling mixture

Found nothing suitable? We will be happy to work out an individual solution for your requirement profile