

Datablad PUR-Material

	8891	120	PX205	PR777	PX212	PR700	PR500	SG95	PRC1810	8263 (V-0)	5631 (V-0)	794 (5V)
Simulates	Rubber	PP/PE	PP/PE	PP or HDPE	PP	ABS	ABS	ABS/PC	PC/PMMA	ABS	ABS	ABS
Color	White	Transparent	Beige	Translucent/White	Translucent	Black	Transparent	Transparent	Transparent	Translucent/White	Black	Black
Properties	Low viscosity flexible rubber. Adjustable hardness.		Very good impact resistense and abrasion resistense. Hinge effect	Any need for semi-flexible part with high impact resistance and mechanically demanding such as clips or car bumpers	Thermoplastic like parts with excellent impact resistance. Flexural modulus of elasticity close to filled PP	High thermal resistance, Industrial parts with functions of holding, clamping or modelling under variable heat conditions	ABS-like colorable resin, high mechanical/ resistant properties.	Excellent all round ABS type properties. Suitably strong for snap fits, clear for perfect colour matching	Very high UV stability, high transparency and optical properties	Flame retardant UL94V-0 Good impact strength. Electrical enclosures.	Transformers, filters, capacitors. Electrical devices working in potentially explosive environment. High thermal endurance, good thermal conductivity, shock resistance and UL94 V-0 (6mm)	Self-extinguishing, 5V according to UL94 (4mm). High thermal resistance (HDT : 130°C) and good chemical resistance
Hardness	20A-90A	25D	70D	75D	76D	82D	85D	82D	85D	83D	80D	80D
Flexural modulus MPa	-	-	500	900	1200	2300	2700	2300	2200	2200	2300	1500
Tensile strength MPa	2-17	5	25	35	40	60	63	58	65	68	30	60
Flexural strength MPa	-	-	30	35	80	80	100	99	88	93	53	65
Elongation at break %	270-330	170	100	35	25	13	24	25	6,5	14	6	5
Impact strength kj/m2	-	-	Unbreakable	60	over 50	60	40	12	84	10	-	20
Heat deflection temp (HDT)	-	-	55	110	78	130	70	68	84	80	oklart	130
Glass transition temp (TG)	-	-	over 90	over 120	90	over130	76	72	91	-	48	-
Tear strenght N/mm	8-34	10	-	-	-	-	-	-	-	-	-	-
Lagervara	Ja	kontakta för info	kontakta för info	Ja	kontakta för info	Ja	Ja	Ja	kontakta för info	Ja	kontakta för info	kontakta för info
											Finns datablad på elektriska egenskaper, kontakta oss för mer information	