

Product			Secutex ShD70	PE HD	Secutex ShD85	PA 06	POM-C
Quality			Shore D70	Standard	Shore D85	Standard, trocken	Standard
Color			Yellow	White	Yellow	White	White, light yellow
Material base			Polyäther / Iso		Polyäther / Iso		
Typical properties	Test Method (PU)	Unit					
Shore Hardness at 23°C	ISO 868	Shore D	70	64	85	82	82
Tensile Stress at 23°C	ISO 527	N/mm ²	31	30	63.5	80	65
Young's Modulus at 23°C	ISO 527	N/mm ²	1500	1350	2750	3000	2700
Elongation at Break at 23°C	ISO 527	N/mm ²	90%	>400%	13,5%	70%	27%
Flexural Strength at 23°C	ASTM D790	N/mm ²	24	-	91	125	97
Temperature of use		°C	-30 bis 80	-80 bis 90	-30 bis 80	-40 bis 90	-50 bis 100
Density	ISO 1183	g/cm ³	1,13	0,963	1,13	1,14	1,39
UV-Light and Weathering			0	0	0	0	0
Outdoor exposure							
Delivery			Various delivery forms according to customer requirements and in consultation Special forms with in-house mould making are possible		Various delivery forms according to customer requirements and in consultation Special forms with in-house mould making are possible		
			Plates	Plates, Profiles	Plates	Plates	Plates, Profiles
Tolerance			Secutex Norm		Secutex Norm		
Prozessing			Secutex ShD 70 is easy to machine (milling, drilling, cutting, turning).	Can be sufficiently well machined.	Secutex ShD 70 is easy to machine (milling, drilling, cutting, turning).	Can be easily machined.	Can be easily machined.