



	POM-H	POM-C
Specific weight	1.43 g/cm ³	1.41 g/cm ³
Yield strength	78 N/mm ²	65 N/mm ²
Allowable mean pressure deformation 1%	22.00 N/mm ²	19.00 N/mm ²
Tensile modulus	3 600 N/mm ²	3 000 N/mm ²
Notched toughness	>10 kJ/m ²	>10 kJ/m ²
Ball hardness	160 N/mm ²	150 N/mm ²
Friction coefficient	0.34	0.32
Electrical strength	20 kV/mm	20 kV/mm
Specific surface resistance	10 ¹³ Ω.cm	10 ¹³ Ω.cm
Melting point	175 °C	178 °C
Thermal expansion	10 10 ⁻⁵ /K	10 10 ⁻⁵ /K
Thermal conductivity	0.31 W/(K.m)	0.31 W/(K.m)
Permanent use temperature	-140	-130
Transient temperature of use	-200	-170
Water absorption	0.85%	0.80%