

PA 6/66 · Technical Data Sheet

General Features

Chemical Name Polyamide 6/66	Benefits <ul style="list-style-type: none"> • Strong, shatterproof parts • High abrasive resistance • Low friction coefficient 	
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Filament Characteristics

Diameter	Ø 1.75mm
Meters per spool	729,927m
Weight per meter	2.74g
Tolerance	±0.02mm

Material Properties

	Draw Ratio		4,5	5,0	5,5	6,0
	Strength	g/d	4.4	5,1	6,2	7,1
Line	Tenacity	kg	146	172	215	254
	Elongation	%	51	42	36	32
Tensile Modulus		g/d	12	12	14	14
	Strength	g/d	2,8	3,3	3,6	3,4
Knot	Tenacity	kg	93	111	124	121
	Elongation	%	33	33	31	29

Physical Properties

	Units	Typical value	ASTM Method
Density	g/cm ³	1.14	ISO 1183
Melt Flow Index	g/min	38/10	D1238
Mold Shrinkage	%	0.5 - 0.8	D995
Water Absorption	%	-	D570
Melting Point	°C	191	ISO 11357
Extractable Content	wt%	< 1,00%	JIS K 6810
Relative viscosity	N/N	4,05	N/N

Disclaimer:

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