

[PA6/12 monofilament grade]

[040120]

UBE NYLON 7034 T

UBE NYLON 7034 T is a high viscosity Polyamide 6/12 copolymer, suitable for small and large diameter monofilament, especially suitable for fishing line (long line and branch line).

This material has following features:

- Extreme low water absorption
- Brilliant crystal appearance
- Good stretch-ability and line strength
- Excellent processability

Property	Method	Unit	Value
Basic Properties			
Type	-	-	PA6/12
Relative viscosity (96% H_2SO_4 ; 1,0 g / 100ml)	JIS K6810	-	3,87
Density	ISO 1183	g/cm ³	1,11
Extractable content	JIS K6810	wt%	< 1,0
Thermal Properties			
Melting point	ISO 11357	° C	201

Property		Unit	Value						
Mechanical Properties of monofilament d = 2 mm									
Draw ratio			4,8	5,0	5,3	5,5	5,8	6,0	6,5
Line	strength	g/d	4,3	4,8	5,5	6,0	6,7	6,8	7,4
	tenacity	kg	140	158	184	201	227	232	259
	elongation	%	49	47	37	38	37	35	32
Tensile modulus		g/d	11	13	13	12	14	13	14
Knot	strength	g/d	2,7	2,9	3,4	3,6	3,8	4,0	4,1
	tenacity	kg	89	95	112	120	128	136	144
	elongation	%	33	32	32	32	30	30	30

