

[PA6 monofilament grade]

[040120]

UBE NYLON 1022 MT2

UBE NYLON 1022 MT2 is a medium viscosity Polyamide 6, especially suitable for monofilament which requires good softness.

This material has following features:

- Excellent flexibility
- Good transparency
- High line strength
- Outstanding processability

Property	Method	Unit	Value
Basic Properties			
Type	-	-	PA6
Relative viscosity (96% H_2SO_4 ; 1,0 g / 100ml)	JIS K6810	-	3,30
Density	ISO 1183	g/cm ³	-
Extractable content	JIS K6810	wt%	3,0
Thermal Properties			
Melting point	ISO 11357	° C	216

Property	Unit	Value				
Mechanical Properties of monofilament d = 0,4 mm						
Draw ratio		4,5	5,0	5,5	6,0	
Line	strength	g/d	6,3	7,5	8,5	9,4
	tenacity	kg	8,4	10,1	11,3	13,0
	elongation	%	37	30	25	22
Tensile modulus	g/d	17	21	23	25	
Knot	strength	g/d	4,5	4,8	4,1	4,0
	tenacity	kg	6,0	6,5	5,5	5,5
	elongation	%	22	17	13	13

The contents of these written materials were prepared based on materials, information and data available at the present time; they may be revised according to new information. The numerical data described in these written materials are average values obtained by measurement under prescribed conditions; they are not guaranteed values. UBE does not guarantee the quality or safety of your company's finished product even if UBE's materials and data described in these written materials or data prepared by other companies are used to manufacture the finished product. Determination of the suitability of finished product shall be the responsibility of your company. Specific applications may be subject to standards and regulations, commercial proprietary rights, etc., so these should be fully researched and studied by your company.

Please read the MATERIAL SAFETY DATA SHEET "MSDS" before using a UBE product.

1(1)