

Polyamide 6.6 natural lubricated with 30% glass fibre reinforcement and heat stabilized.

TECHNICAL DATA SHEET

		STANDARD	UNIT	DRY	CONDITIONED
GENERALS	Density	ISO 1183	gr/cm ³	1,36	
	Melt Flow Index	ISO 1133	gr/10 min.	-	
	Humidity Pelets	ISO 1110	%	0,2	
	Hardness	SHORE D	Points	81	
	Mold Shrinkage	-	%	0,4-0,5	

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MECHANICAL	Tensile Strength	ISO 527	N/mm ²	170		
	Elongation at break	ISO 527	%	3		
	Tensile Modulus	ISO 527	N/mm ²	9000		
	Charpy Impact	23 °C ISO 179		Kj/m ²	65	
		-40 °C ISO 179		Kj/m ²	-	
	Charpy Impact	23 °C ISO 179		Kj/m ²	8	
-40 °C ISO 179			Kj/m ²	-		

		STANDARD	UNIT	DRY	CONDITIONED
ELECTRICAL	Surface Resistivity	IEC 93	Ohm	10 ^{^13}	
	Dielectric strength	IEC 243	Kv/mm	32	
	Tracking index (C.T.I.)	IEC 112	Kv/mm	-	

		STANDARD	UNIT	DRY	CONDITIONED
THERMAL	Deflection Temp. Under Load	0,4 N ISO 75/A	°C	255	
	(H.D.T.)	1,8 N ISO 75/A	°C	240	
	VICAT Temperatura	ISO 306	°C	>240	

- The values provided in this data sheet correspond to our knowledge. All products must be subjected to in company test by the user before application.
- These datas do not release you from the obligation to test our products as to their suitability for the intended processes and final use.
- These data may not valid such material used in combination with any other materials or additives or in- any process.
- Triesa assumes no liability and makes no warranties of any kind, expressed or implied how to use this information data.
- UL measurements are done in our lab according to this norm.

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	STANDARD	UNIT	DRY	CONDITIONED
OTHERS	UL - Flammability	UL-94	-	HB
	Glow Wire	IEC 695	°C	-
	Fammability speed	FMV 302	mm/min.	<100
	Ashes	Triesa Test	%	30
	Water absorption (24h)	ISO 62	%	~0,5
	Heat Stabilized			YES

RECOMMENDED VALUES

PROCESSING	Drying Material	2h - 4h 90°C-110°C
	Mold. Temperature	80°C-90°C
	Processing Temperature	275°C-290°C
	Back Temperature	260°C-270°C
	Middle Temperature	270°C-290°C
	Nozzle Temperature	275°C-295°C
	Hold Pressure	60 - 100 Mpa

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SOURCE: Triesa Quality Control; Last update: 12/05/2020