# TECHNICAL DATA SHEET

TRIESA

**BESTNYL** **SE00VI02AH**

***Polyamide 6.6 black with heat stabilized and lubricated to gain improvements in injection and moulding***

| | Standard | Unit | Values | |
|---|---|---|---|---|
| **Generals** | | | **Dry** | **Conditioned** |
| Density | ISO 1183 | gr /cm3 | 1,14 | - |
| Melt Flow Index | ISO 1133 | gr /10 min. | - | - |
| Humidity Pelets | ISO 1110 | % | 0,2 | - |
| Hardness | SHORE D | Points | 80 | - |
| Mold Shrinkage | - | % | ~1,5 | - |
| **Mechanical** | | | **Dry** | **Conditioned** |
| Tensile Strenght | ISO 527 | N /mm2 | 75 | - |
| Elogantion at break | ISO 527 | % | 25 | - |
| Tensile Modulus | ISO 527 | N /mm2 | 3000 | - |
| Charpy Impact | 23 ºC ISO 179 | Kj / m2 | NB | - |
| | -40 ºC ISO 179 | Kj / m2 | - | - |
| Charpy notched Impact | | | | |
| | 23 ºC ISO 179 | Kj / m2 | 6,5 | - |
| | -40 ºC ISO 179 | Kj / m2 | - | - |
| **Electrical** | | | **Dry** | **Conditioned** |
| Surface Resistivity | IEC 93 | Ohm | 10^13 | - |
| Dielectric strenght | IEC 243 | Kv / mm | - | - |
| Tracking Iindex ( C.T.I.) | IEC 112 | Kv / mm | - | - |
| **Thermal** | | | **Dry** | **Conditioned** |
| Deflection Temp.Under Load | 0,4 N ISO 75 /A | ºC | 205 | - |
| (H.D.T.) | 1,8 N ISO 75 /A | ºC | 70 | - |
| VICAT Temperature | ISO 306 | ºC | >235 | - |
| **Others** | | | **Dry** | **Conditioned** |
| UL-94 Flammability | UL-94 | - | HB | - |
| Glow Wire | IEC 695 | ºC | - | - |
| Flammability speed | FMV 302 | mm / min. | <100 | - |
| Ashes | Triesa Test | % | - | - |
| Water absorption (24h) | ISO 62 | % | ~1,5 | - |
| Heat Stabilized | | | YES | - |
| **Processing** | | | | |
| Drying Material | 2h - 4h 90 ºC | | | |
| Mold. Temperature | 70 ºC - 75 ºC | | | |
| Processing Temperature | 260 ºC - 270 ºC | | | |

-This values provided in this data sheet corresponds to our Knowledge. All products must be subjected to in company test by the user before application

-These data may not valid such material used in combination with any other materials or additives or in any process

- UL mesurements are doing in our lab according this norm

Triesa Poliamidas S.A.

ISO 9001 BUREAU VERITAS Certification