

## Telene® 1810 A/B

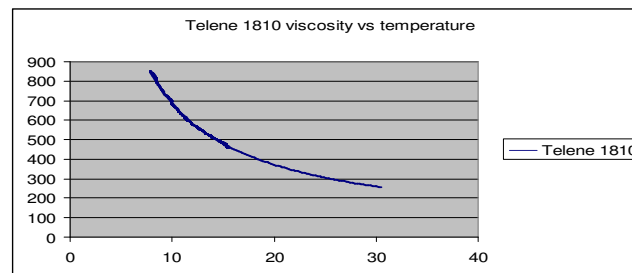
Ref : VA – WM – 2015/02

This system has been designed to produce machine cast parts having similar properties as Telene® 1650 production parts.

Properties	Standard N°	Unit	Data
Specific Gravity	ISO 1183	n.a	1.03
Tensile Modulus	ISO 527	MPa	1700
Tensile Strength @ Yield	ISO 527	MPa	44
Elongation @ Yield	ISO 527	%	5.0
Flexural Strength	ISO 178	MPa	61
Flexural Modulus	ISO 178	MPa	1700
Impact Strength (notched Izod) @ +23°C	ISO 180/A	KJ/m <sup>2</sup>	30
Glass Transition Temperature	ASTM D790	°C	169
Heat Distortion Temperature (under 1.8 MPa Load)	ISO 75/A-T <sub>fe</sub> 1,8	°C	120
Linear Thermal Expansion	ISO 11359	m/m/°C	79 x 10 <sup>-6</sup>
Processing Parameters			
Mixing ratio	n.a	n.a	1:1
Smoke time @ 30°C	Method 4	Sec	600*
Initial Viscosity @ 30°C A & B component	Brookfield	mPa.s	260
Exotherm Temperature	Method 4	°C	> 180°C

\* Slower/faster formulation on demand

### Brookfield Viscosity



Spindle S63, 50 RPM - Viscosity tests by using 100 ml of product  
Viscosity of Telene 1810 A and B remains stable during shelf life

### Shelf life - Storage

Keep between 10°C and 30°C in a dry place. Maximum shelf life: 3 months in unopened sealed drums. Once opened, Telene 1810 drums should be kept under nitrogen blanket with slight overpressure in order to prevent nitrogen dissolution. Avoid permanent nitrogen circulation.

### Packaging available

2 x 30 kg A / B in metal drums with 2" and 3/4" bungs.  
Drums dimensions: Ø 280\*532 mm (UN Y-1,2)

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