

## Technical Data Sheet

### TECHNIPOL® PA 6132

#### DESCRIPTION

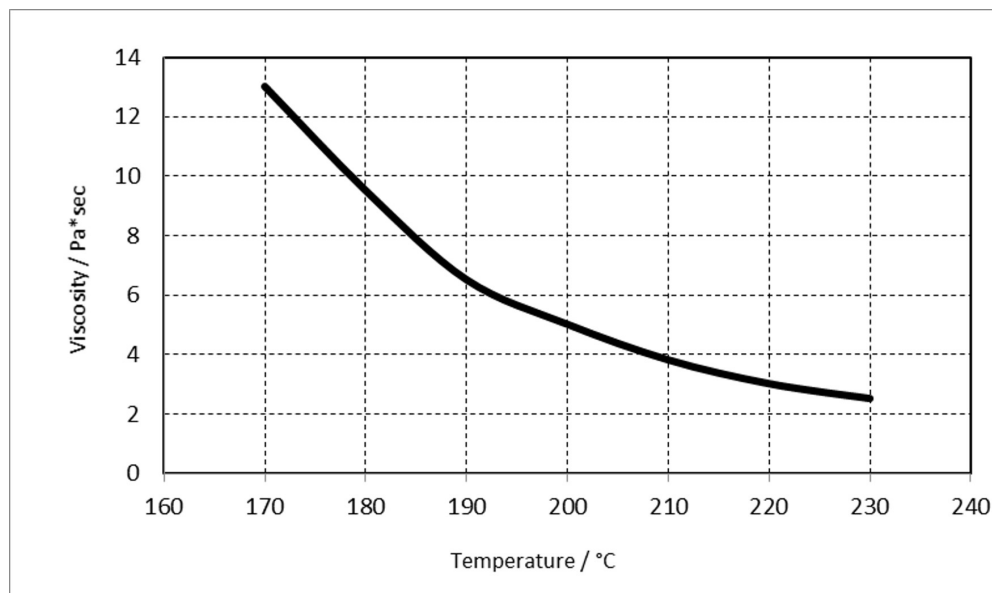
TECHNIPOL® PA 6132 is a thermoplastic adhesive co-polyamide based, of amber colour. It has good flexibility, wettability and adhesion on leather, wood, paper, cardboard and porous substrates, metals (pre-treated). TECHNIPOL® PA 6132 contains around 65 % of raw materials coming from renewable resources (not-edible).

#### TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	M.U.	VALUE
Density	ISO 1183	g/cm <sup>3</sup>	0,98
Softening point	MI 13	°C	138
Viscosity Brookfield 190°C	MI 12	Pa*s	6,5
Shore D hardness, instantaneous / 15 s	ISO 868	-	42/35
Elongation at break	ISO 527	%	400
Stress at break	ISO 527	MPa	8,5
Flexural modulus	ISO 178	MPa	71

Cone/ plate Viscometer, Model Brookfield CAP 2000+.

#### VISCOSITY vs TEMPERATURE CURVE



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#### PROCESSING CONDITIONS

Suggested temperature profile for extrusion

UNDER HOPPER	FEEDING ZONE	COMPRESSION ZONE	METERING ZONE	EXTRUSION DIE/ HOSE	NOZZLE
50-80 °C	100-130 °C	150-170 °C	170-190 °C	170-190 °C	180-200 °C

Suggested temperature profile for melters

PRE-HEATING GRID	TANK	HOSE	NOZZLE
165-175 °C	190-200 °C	200-210 °C	200-210 °C

#### PACKAGING

25 kg bags equipped with an aluminum film barrier against moisture action.  
500 kg cardboard octabins equipped with an inner PE liner.  
500 Kg big bags.

#### STORAGE

Product is stable for 24 months when stored unopened in its original packaging, kept in a cool and dry place and protected from light. When stocked around 5 – 10°C or below, it is recommended to keep it at 15 – 20°C for at least for 24 hours before using it.