

Technical Data Sheet

TECHNIPOL® PA 2174

DESCRIPTION

TECHNIPOL® PA 2174 is a thermoplastic adhesive co-polyamide based of amber colour, for the automotive filter industry. It is characterized by a quick setting time, a good flexibility, a good wettability and a good chemical resistance.

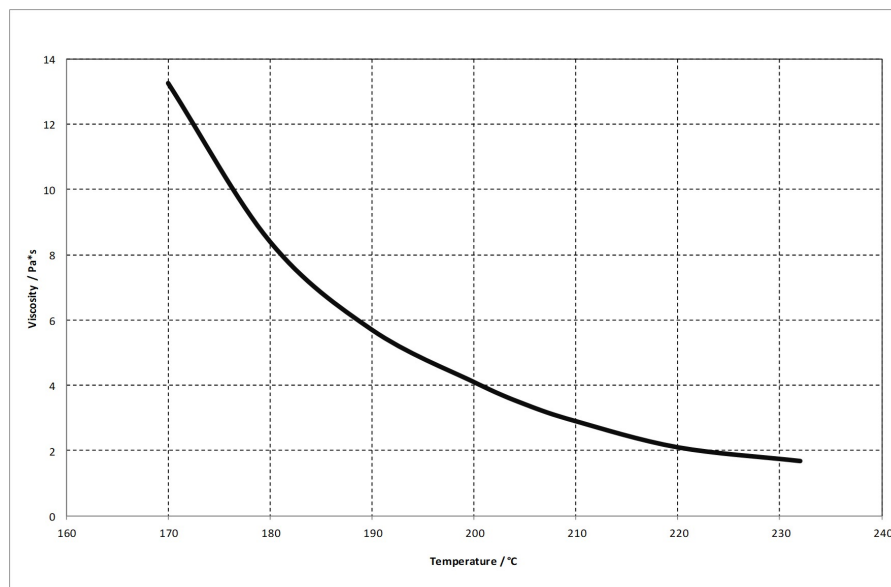
TECHNIPOL® PA 2174 contains more than 80% of raw materials coming from renewable resources (non edible).

TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	M.U.	VALUE
Density	ISO 1183	g/cm ³	0,98
Softening point	MI 13	°C	174
Viscosity Brookfield 205°C	MI 12	Pa*s	4.0

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	110-140 °C	150-170 °C	180-200 °C	180-200 °C	190-210 °C

Suggested temperature profile for melters

PRE-HEATING GRID	TANK	HOSE	NOZZLE
175-185 °C	200-210 °C	210-220 °C	210-220 °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 and 1000 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.