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Reg. Imprese di Pavia PV/C.F. 01669490037
P.I. 01842120188

Technical Data Sheet

TECHNIPOL® 157

DESCRIPTION

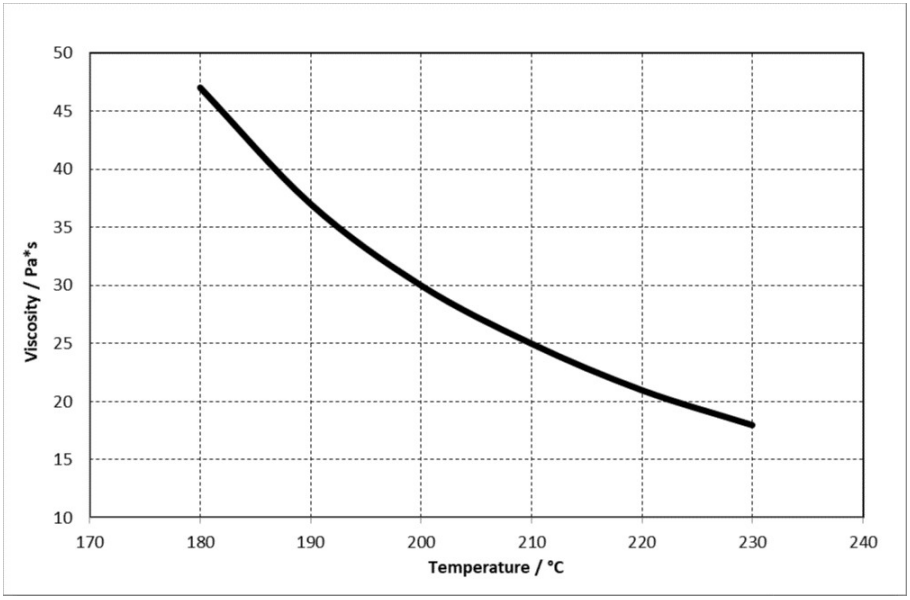
TECHNIPOL® 157 is a co-polyester based thermoplastic adhesive designed for the production of diesel filters in the automotive industry.
TECHNIPOL® 157 is characterised by a high chemical resistance (mineral oil and diesel vapours) and by a good thermal resistance.

TECHNICAL CHARACTERISTICS

PROPERTY		TEST METHOD	M.U.	VALUE
Density		ISO 1183	g/cm³	1,25
Melting temperature		ISO 11357-3	°C	154
Elongation at break		ISO 527	%	> 500
MFI	190°C, 0.325kg	ISO 1133	g/10 min	41
Viscosity Brookfield	190°C	MI 12	Pa*s	37

Cone/ plate Viscometer, Model Brookfield CAP 2000+.

VISCOSITY vs TEMPERATURE CURVE



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PROCESSING CONDITIONS

Suggested temperature profile for exstrusion

UNDER HOPPER	FEEDING ZONE	COMPRESSION ZONE	METERING ZONE	EXTRUSION DIE/ HOSE	NOZZLE
50-60 °C	60-100 °C	120-160 °C	170-180 °C	170-180 °C	170-180 °C

Suggested temperature profile for melters

PRE-HEATING GRID	TANK	HOSE	NOZZLE
165-175 °C	180-190 °C	190-200 °C	190-200 °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 12 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.