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Technical Data Sheet

TECHNIPOL® 157

DESCRIPTION

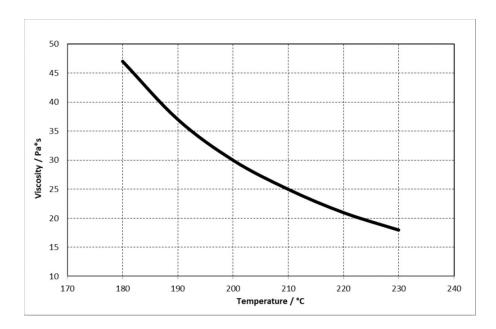
TECHNIPOL® 157 is a co-polyester based thermoplastic adhesive designed for the production of diesel filters in the automotive industry. TECHNIPOL® 157 is characterised by a high chemical resistance (mineral oil and diesel vapours) and by a good thermal resistance.

TECHNICAL CHARACTERISTICS

PRO	OPERTY	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



Version N°: 3.EN	Revision n° 0	Revision date: 03/08/2022

The information provided herein corresponds to our current knowledge on date of publication. This information may be subject to review, if further experience and knowledge become available. The data reported corresponds to typical values and should not be considered as specification limits, or as a basis for design calculations. This data sheet must not in any way be construed as a license or as an invitation or permission to violate any existing patents, the existence of which must be verified by the Customer. The application, use and processing of Sipol products and the quality of the final products obtained by the customer are completely out of our control. The Customer is responsible for verifying that the material is suitable for the specific application; any data given here does not relieve the Customer from conducting appropriate checks and testing. Sipol cannot foresee all possible variations in actual end-use conditions, and therefore offers no warranty and assumes no liability in connection with any use of this information .



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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.

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