



Excel Adhesives  
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## TECHNICAL DATA SHEET

# EXCEL POLYAMIDE ROD

### DESCRIPTION

Excel Polyamide Rod is a thermoplastic adhesive co-polyamide based extruded into rod shape and used by the automatic lasting machines in the footwear industry.

Thanks to its quick setting time, its good flexibility, its excellent wettability and its high adhesion to leather and to both synthetic and regenerated materials, it is the ideal adhesive for the shoe manufacturing.

Due to the wide variety of materials used in the today's footwear construction, it is recommended to run some preliminary trials in order to homologate the Polyamide Rod.

Finally, Excel Polyamide Rod contains more than 80% of raw materials coming from renewable resources (no food grade).

### TECHNICAL CHARACTERISTICS

Properties	Test method	U.M.	Values
Colour			Amber
Diameter		mm	3,9 ± 0,1
Softening Point	ASTM D 3461	°C	172
Brookfield viscosity (232 °C)	MI - 12	Pa·s	3,5
Application Temperature		°C	220 – 240*

\* depending on the substrate and the applicator

### PACKAGING

20 kg net cardboard boxes, containing 12 reels of around 1.67 kg each.

### 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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