



## **Aluminium Rolling**

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## Pilot 200 / Pilot 200R / Pilot 261

Pilot 200 and Pilot 200R are primarily used as base oils in [aluminium foil rolling](#). These Pilot® Oil grades offer controlled viscosity options and boiling range uniformity, with excellent consistency of purity, whilst providing high-performance evaporation and non-staining characteristics during critical annealing processes. Their excellent solvent properties provide a cooling medium and a hydrodynamic rolling film.

The FDA approvals for these oils also provide further clearance for incorporation into aluminium foil production for food packaging. Pilot 200R has been specifically produced with an application-optimised boiling range in order to provide top tier annealing performance.

For heavier applications, such as sheet and ingot rolling, Pilot 261 is recommended.

Properties	Unit	Pilot 200	Pilot 200R	Pilot 261
Viscosity	mm <sup>2</sup> s	1.9	1.9	2.32
Density @ 15°C	g/mL	0.815	0.816	0.818
Boiling Range	°C	210-250	220-243	236-272
Flash Point	°C	80	88	100
Pour Point	°C	-43	-30	-31
Aromatics Content	% volume	0.2	0.1	<0.3
FDA	178.362	B	B	C
% VOC	%	45	45	0
Group	1/2/3/4	1	1	1

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