

# 101-SA09

## Product Technical Information

Polypropylene - Homopolymer

**101-SA09** is a polypropylene homopolymer grade for caps and closures containing additional lubricant. The resin contains a slip additive package and has an MFR of 9.0g/10min. It is formulated to provide the right lubrication level to meet the opening torque requirements for screw caps.

## Applications

- Caps and closures not requiring extra lubricant addition

## Benefits and Features

- Good processability
- Slip to decrease opening torque
- Mould release

Properties		Test Methods	Values	Units
<b>Physical</b>				
Melt Flow Rate	230°C/2.16kg	ISO 1133	9	g/10min
<b>Mechanical</b>				
Flexural Modulus	@23°C	ISO 178	1450	MPa
Tensile Strength	@Yield	ISO 527-1,-2	32	MPa
Izod Impact Strength, Notched	@+23°C	ISO 180/1A	3.5	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	@+23°C	ISO 179/1eA	3.4	kJ/m <sup>2</sup>
<b>Thermal</b>				
HDT	@0.45 MPa	ISO 75/B	103	°C

- Data should not be used for specification work



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## Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to [psnohreg@innovene.com](mailto:psnohreg@innovene.com).

## Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website [www.ineospolyolefins.com](http://www.ineospolyolefins.com). Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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