

Typical Applications: - Homopolymer PP for standard cast film, general purpose injection moulding, Caps & Closures Non Organo. With slip agent.

# 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