



101-SA09

Product Technical Information

Polypropylene - Homopolymer

Benefits & Features

101-SA09 is a polypropylene homopolymer grade for cast film and caps and closures. The resin contains a slip additive package and has an MFR of 9.0g/10min. In caps application, formulation provides the right lubrication level to meet the opening torque requirements for screw caps.

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

Applications

- Caps and closures not requiring extra lubricant addition
- Cast film

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	9	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1450	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	32	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3.5	KJ/m ²
Izod Impact Strength, notched	0°C	ISO 180/A	3.4	KJ/m ²
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	103	°C
Data should not be used for specification work				

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.