

# SIBUR

## Technical Data Sheet

# PP 8348SM

### Polypropylene Impact copolymer

## PRODUCT DESCRIPTION

PP 8348SM is a high melt flow rate copolymer with a narrow molecular weight distribution used for Injection Molding applications. The product is formulated with antistatic and nucleating additives providing a beneficial balance of physical and mechanical properties and high speed Injection Molding processing. This grade exhibits high stiffness, excellent impact strength and good flow characteristics.

## TYPICAL APPLICATIONS

PP 8348SM is specially recommended for high-speed Thin-Wall Injection Molding (TWIM). It is used in the production of housewares, opaque containers, toys, thin-walled containers for food packaging, automotive parts.

Properties	Conditions	Method	Typical values*	Units
<b>Rheology</b>				
Melt Flow Rate	230 °C/2.16 kg	ASTM D1238	43	g/10 min
<b>Mechanical</b>				
Tensile Stress at Yield	50 mm/min	ASTM D638	25	MPa
Elongation at Yield	50 mm/min	ASTM D638	5	%
Flexural Modulus	1.27 mm/min	ASTM D790	1300	MPa
Notched Izod Impact Strength	23 °C	ASTM D256	85	J/m
	-20 °C	ASTM D256	55	J/m

\*The values given are typical values measured on the product. These values should not be considered as specification.

## REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

**PJSC «Sibur Holding» (and its subsidiaries)** is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

## Safety

See MSDS