

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
Rheology				
Melt Flow Rate	230 °C/2.16 kg	ASTM D1238	43	g/10 min
Mechanical				
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