

SIBUR

Technical Data Sheet PP 8400G Polypropylene Impact copolymer

PRODUCT DESCRIPTION

PP 8400G is a low melt flow rate, nucleated impact copolymer with antistatic and processing additives for Extrusion and Injection Molding applications. The product exhibits a beneficial combination of excellent impact strength, high stiffness and good processability. Articles produced from this resin show a high strength and an outstanding resistance to impact even at low temperatures.

TYPICAL APPLICATIONS

PP 8400G is recommended for Extrusion and Injection Molding applications such as the production of packaging, tableware, battery casings, and automotive parts.

Properties	Conditions	Method	Typical values*	Units
Rheology				
Melt Flow Rate	230 °C/2.16 kg	ASTM D1238	1.5	g/10 min
Mechanical				
Tensile Stress at Yield	50 mm/min	ASTM D638	29	MPa
Elongation at Yield	50 mm/min	ASTM D638	10	%
Flexural Modulus	1.27 mm/min	ASTM D790	1300	MPa
Notched Izod Impact Strength	23 °C	ASTM D256	500	J/m
	- 20 °C	ASTM D256	90	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

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