

SIBUR

Technical Data Sheet PP 8300G Polypropylene Impact copolymer

PRODUCT DESCRIPTION

PP 8300G is a low melt flow rate copolymer with antistatic and processing additives for Extrusion and Thermoforming applications. The product exhibits an advantageous balance of high stiffness and excellent impact strength at room and at low temperatures. It shows a good dimensional stability and excellent resistance to creep and crack deformations.

TYPICAL APPLICATIONS

PP 8300G is recommended for Extrusion and Thermoforming applications such as corrugated boards, panels, profiles and crates.

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	27	MPa
Elongation at Yield	50 mm/min	ASTM D638	13	%
Flexural Modulus	1.27 mm/min	ASTM D790	1150	MPa
Impact				
Notched Izod Impact Strength	23 °C	ASTM D256	500	J/m
	- 20 °C	ASTM D256	50	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