

SIBUR PP H552 IM/2

Polypropylene Homopolymer

SIBUR, LLC

Message:

PP-H552-IM/2 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by high melt flow range, a special stabilization package including nucleating and antistatic agents for Thin Wall Injection Moulding applications. It provides improved physical and mechanical properties.

Typical Applications:

PP-H552-IM/2 is specially recommended for high-speed Injection Moulding process and for high-rigidity TWIM applications. It complies with EU Food Contact Regulations.

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	High Flow		
	High Rigidity		
	Homopolymer		
	Nucleated		
Uses	Thin-walled Parts		
Agency Ratings	EC 1907/2006 (REACH)		
	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	55	g/10 min	
Mechanical	Nominal Value	Unit	
Tensile Stress ¹ (Yield)	34.0	MPa	
Tensile Strain ² (Yield)	9.0	%	
Flexural Modulus ³	1500	MPa	
Impact	Nominal Value	Unit	
Notched Izod Impact Strength (23°C)	2.0	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	115	°C	
Vicat Softening Temperature	156	°C	ISO 306/A
NOTE			

1.	50 mm/min
2.	50 mm/min
3.	5.0 mm/min

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