

SABIC® PP FPC71T

POLYPROPYLENE IMPACT COPOLYMER FOR INJECTION MOLDING
REGION GREATER CHINA

DESCRIPTION

SABIC® PP FPC71T is a polypropylene impact copolymer designed for high speed injection molding process. It contains nucleating agent and antistatic agent. It has very high flowability, good stiffness and toughness balance, and good organoleptic performance. It is especially suitable for high speed production of thin wall packaging that require good low temperature toughness.

TYPICAL APPLICATIONS

SABIC® PP FPC71T is suitable for production of food contact thin wall packaging which includes packaging for frozen food, ambient food and dairy products (e.g. yoghurt, butter, cheese, etc.).

TYPICAL PROPERTY VALUES

Revision 20250828

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Hardness, Rockwell R	95	-	ISO 2039-2
IMPACT			
Charpy Impact, notched, -20°C	3.0	kJ/m ²	ISO 179/2C
PHYSICAL			
Melt Flow Rate, 230°C/2.16 kg	70	g/10 min	ISO 1133
Density	0.905	g/cm ³	ISO 1183
MECHANICAL PROPERTIES ⁽¹⁾			
Tensile Strength at Yield	25	MPa	ISO 527-2
Flexural Modulus (1% Secant)	1350	MPa	ISO 178
Charpy Notched Impact Strength @ 23°C	6.5	kJ/m ²	ISO 179
THERMAL PROPERTIES			
Heat Deflection Temperature (455 kPa)	105	°C	ISO 75

(1) Based on injection molded specimens.

REGULATORY INFORMATION

SABIC® PP FPC71T is suitable for food contact application. Detailed information is provided in relevant documents / certificates and for additional specific information please contact SABIC local representative. DISCLAIMER: This product is not intended for and must not be used in any pharmaceutical / medical applications.

STORAGE AND HANDLING

The resin should be stored in a manner to prevent a direct exposure to sunlight and / or heat. The storage area should also be dry and preferably do not exceed 50°C. SABIC would not give warranty to bad storage conditions that may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PE resin within 6 months after delivery.



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