



SABIC[®] PP 95MK40T

POLYPROPYLENE IMPACT COPOLYMER
REGION ASIA

DESCRIPTION

SABIC[®] PP 95MK40T is a polypropylene impact copolymer with very high impact strength, high stiffness and high heat deflection temperature. It is specifically designed for applications that require high impact resistance and high top load strength at broad temperature range. It contains nucleating & antistatic agents.

TYPICAL APPLICATIONS

SABIC[®] PP 95MK40T is suitable for injection molding, sheet extrusion and thermoforming processes. For injection molding, it is especially suitable for production of industrial pail with very high impact strength and high stiffness. For thermoforming, it can be used for production of articles for low temperature storage such as yoghurt tub, ice cream container, margarine tub and other similar applications.

The grades are not intended for and must not be used in any pharmaceutical / medical applications.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate			
at 230°C and 2.16kg	3.5	g/10 min	ISO 1133
Density			
at 23°C	905	kg/m ³	ISO 1183
MECHANICAL PROPERTIES ⁽¹⁾			
Tensile test			
Tensile Strength at Yield	23	MPa	ISO 527-2
Flexural Modulus (1% Secant)	1200	MPa	ISO 178
Charpy Impact Strength Notched			
at 23 °C	50	kJ/m ²	ISO 179-1
at -20 °C	6.5	kJ/m ²	ISO 179-1
Hardness			
Rockwell Hardness, R-Scale	95	-	ISO 2039-2
THERMAL PROPERTIES			
Heat deflection temperature			
at 455kPa	90	°C	ISO 75-2

(1) Based on injection molded specimens.

HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

Detailed information is provided in the relevant Material Safety Datasheet and or Standard Food Declaration, available on the Internet (www.SABIC.com). Additional specific information can be requested via your local Sales Office.

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