



SABIC[®] PP 57MNK40

POLYPROPYLENE IMPACT COPOLYMER FOR INJECTION MOLDING

DESCRIPTION

SABIC[®] PP 57MNK40 is a controlled rheology PP grade and specially developed for producing injection molded articles. This grade contains nucleating & antistatic agents. It has excellent impact resistance (even at low temperature) and balanced stiffness.

TYPICAL APPLICATIONS

SABIC[®] PP 57MNK40 can be used for furniture, housewares, pails & containers, toys, crates & boxes.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Melt flow rate (MFR)			
at 230°C and 2.16 kg	12	g/10 min	ASTM D1238
*Density			
at 23°C	905	kg/m ³	ASTM D792
MECHANICAL PROPERTIES			
Tensile Properties			
Strength @ Yield	24	MPa	ASTM D 638
Elongation @ Yield	4	%	ASTM D 638
Flexural Modulus (1% Secant)	1150	MPa	ASTM D790 A
Flexural Modulus (1% Secant)	1250	MPa	ASTM D790 B
Notched Izod Impact Strength at 23°C	115	J/m	ASTM D256
Notched Izod Impact Strength at -20°C	63	J/m	ASTM D256
Rockwell Hardness, R-Scale	80	-	ASTM D785
THERMAL PROPERTIES			
Vicat Softening Point	148	°C	ASTM D1525
Heat Deflection Temperature at 455kPa	90	°C	ASTM D648

(1) Typical values, not to be construed as specific limits