

SABIC® PP 310MK40

PP IMPACT COPOLYMER

DESCRIPTION

SABIC® PP 310MK40 is a nucleated polypropylene impact copolymer resin typically used for injection molding applications. Molded parts made from this resin exhibit balanced impact and stiffness. It contains anti-static agent.

TYPICAL APPLICATIONS

SABIC® PP 310MK40 can be used to produce crates, pails & appliance components.

This product is not intended for use in medical and pharmaceutical applications.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
@ 230°C/2.16 kg	24.5	g/10 min	ASTM D1238
Density	905	kg/m³	ASTM D1505
MECHANICAL PROPERTIES ^{(1) (2)}			
Tensile Strength at Yield	26	MPa	ASTM D638
Tensile Strength at Break	17	MPa	ASTM D638
Flexural Modulus (1% Secant)	1430	MPa	ASTM D790 A
Izod Impact Strength			
Notched, 23°C	9	kJ/m²	ISO 180
Notched, -20°C	6	kJ/m²	ISO 180
Rockwell Hardness, R-Scale	91	-	ASTM D785
THERMAL PROPERTIES ^{(1) (2)}			
Vicat Softening Point	151	°C	ASTM D1525
Heat Deflection Temperature at 455kPa	124	°C	ASTM D648

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

(2) Test specimen preparation method : Pursuant to ASTM D4101

