



SABIC® PP 525P

PP homopolymer for Thermoforming

Description:

SABIC® PP 525P is a non formulated homopolymer grade with broad molecular weight distribution and medium isotacticity, used for thermoforming applications requiring an improved impact resistance.

Application:

SABIC® PP 525P is used for thermoformed trays for packaging and food and drink containers where high stiffness is not required.

Health, Safety and Food Contact regulations:

Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC-europe.com>

Typical values

Revision 20060221

Properties	Unit (Si)	Values	Test methods
Polymer properties			
Melt flow rate (MFR) at 230 °C and 2.16 kg	g/10 min	3.0	ISO 1133
Density	kg/m ³	905	ISO 1183
Molecular Weight Distribution	-	Broad	SABIC method
Isotacticity	-	Medium	SABIC method
Formulation			
Anti block agent	-	No	SABIC method
Slip agent	-	No	SABIC method
Anti static agent	-	No	SABIC method
Nucleating agent	-	No	SABIC method
Gas fading stabilized	-	No	SABIC method
Mechanical properties			
Tensile test			ISO 527
stress at yield	MPa	41	
stress at break	MPa	36	
strain at break	%	600	
Flexural test			ASTM D 790
Flexural modulus	MPa	1500	
Thermal properties			
Vicat softening temperature			
at 10 N (VST/A)	°C	153	ISO 306/A
at 50 N (VST/B)	°C	79	ISO 306/B

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