



SABIC[®] PP 512A

POLYPROPYLENE HOMOPOLYMER

DESCRIPTION

SABIC[®] PP 512A is a controlled rheology grade with narrow molecular weight distribution intended for general purpose applications such as woven sacks lamination and injection molding.

SABIC[®] PP 512A has the following features: Consistent processability; Good thread line stability; Good color consistency; Good gas fading resistance.

TYPICAL APPLICATIONS

SABIC[®] PP512A can be used for woven sacks lamination, woven fabric coating and household articles.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate			
at 230°C and 2.16kg	25	g/10 min	ASTM D1238
Density			
at 23°C	905	kg/m ³	ASTM D792
MECHANICAL PROPERTIES			
Flexural Modulus (1% Secant)	1520	MPa	ASTM D790 A
Izod Impact Strength			
notched, at 23°C	22	J/m	ASTM D256
Rockwell Hardness, R-Scale	104	-	ASTM D785
FILM PROPERTIES			
Tensile Properties ⁽¹⁾			
stress at yield	35	MPa	ASTM D638
strain at yield	11	%	ASTM D638
THERMAL PROPERTIES			
Vicat Softening Temperature	155	°C	ASTM D1525
Heat deflection temperature			
at 455kPa	106	°C	ASTM D648

(1) Based on injection molded specimens.