

SABIC® PP 526P

POLYPROPYLENE HOMOPOLYMER

DESCRIPTION

SABIC® PP 526P is specially developed for cast film applications for producing clear films and do not contain slip and antiblock additives. Films produced using SABIC® PP 526P will exhibit: Consistent processability; High gloss and clarity; Good melt strength; Good mechanical properties; Film produced can be metalized.

TYPICAL APPLICATIONS

SABIC® PP 526P can be used for producing food and non-food packaging, stationary items and films for DVD casings for label insertion.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate at 230°C and 2.16kg	8	g/10 min	ASTM D1238
DENSITY			
at 23°C	905	kg/m ³	ASTM D792
MECHANICAL PROPERTIES			
Flexural Modulus (1% Secant)	1650	MPa	ASTM D790 A
Izod Impact Strength notched, at 23°C	25	J/m	ASTM D256
Rockwell Hardness, R-Scale	102	-	ASTM D785
FILM PROPERTIES			
Tensile Properties⁽¹⁾ stress at yield	35	MPa	ASTM D638
strain at yield	10	%	ASTM D638
THERMAL PROPERTIES			
Vicat Softening Temperature	152	°C	ASTM D1525
Heat deflection temperature at 455kPa	100	°C	ASTM D648

(1) Based on injection molded specimens.

PROCESSING CONDITIONS

Typical processing conditions for 526P are:

Average extrusion temperature range may be kept at 210 - 250°C.