

SABIC® PP 5232P

PROVISIONAL DATA SHEET POLYPROPYLENE HOMOPOLYMER

DESCRIPTION

SABIC® PP 5232P is a polypropylene homopolymer designed for production of biaxially oriented polypropylene films (BOPP). It offers good optical properties and ease processing, and recommended to be used as mono and co-extruded layer structure for metalizable films.

TYPICAL APPLICATIONS

SABIC® PP 5232P can be used for Biaxially Oriented Polypropylene (BOPP) packaging film and thermoforming sheets. SABIC® PP 5232P can be used as core layer in co-extruded film and/or as base material for plain films used for label film, stationary, dry food bags, synthetic paper and heat sealable packaging films.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate (MFR)			
at 230°C and 2.16kg	3	g/10 min	ISO 1133
MECHANICAL PROPERTIES ⁽²⁾			
Tensile Strength at Yield	35	MPa	ISO 527-2
Flexural Modulus	1400	MPa	ISO 178/1A
Izod Impact , Notched, 23 °C	4.5	kJ/m ²	ISO 180

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

(2) Based on injection molded specimens

