

# Pro-fax SF6100

Polypropylene Homopolymer  
LyondellBasell Industries

Message:

SF6100 is a standard polypropylene homopolymer, but without slip or anti-block additives. With its normal molecular weight distribution, good consistency, it is quite suitable for extrusion of cast film. Potential end use applications include adhesive tapes, side tapes for diapers, etc. , as well as injection molded housewares and other parts.

General Information	
Features	Food Contact Acceptable  Homopolymer  Med.-Wide Molecular Weight Distrib.
Uses	Cast Film  Household Goods  Tape
Agency Ratings	EU Food Contact, Unspecified Rating  FDA Food Contact, Unspecified Rating
Forms	Pellets
Processing Method	Cast Film  Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness	70		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Flexural Modulus	1350	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	88.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	151	°C	ISO 306

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Recommended distributors for this material

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