

# Petroken PP SM 6100

Polypropylene Homopolymer  
PETROKEN (Petroquimica Ensenada S.A.)

Message:

Petroken PP SM 6100 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Latin America for injection molding. Important attributes of Petroken PP SM 6100 are:

Food Contact Acceptable  
Homopolymer  
Typical applications include:  
Food Contact Applications  
Packaging

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Homopolymer		
	Medium Flow		
Uses	Food Packaging		
	General Purpose		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	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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