

Jampilen ADXP680

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen ADXP680 is a new polypropylene type which features an extremely high stiffness, high gloss, good transparency and improved characteristics at high temperatures. It has been especially developed for sheet extrusion, thermoforming and film applications where high rigidity, outstanding transparency and very good thermal characteristics are needed. The composition of the product complies well with FDA norms and with regulations concerning food contact applications in major European countries.

General Information	
Features	Food Contact Acceptable
	High Clarity
	High Gloss
	High Heat Resistance
	High Rigidity
	High Stiffness
	Homopolymer
Uses	Containers
	Food Containers
Agency Ratings	FDA Unspecified Rating
Appearance	Clear/Transparent
Processing Method	Extrusion
	Film Extrusion
	Sheet Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	41.0	MPa	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
Vicat Softening Temperature	158	°C	ASTM D1525 ¹
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	75		ASTM D2457
Haze	15	%	ASTM D1003
NOTE			
1.	Loading 1 (10 N)		

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