

# Jampilen ADXP699

Polypropylene Homopolymer

Jam Polypropylene Company

## Message:

Jampilen ADXP699 is a special polypropylene type which features an extremely high stiffness, high gloss, good transparency and improved characteristics at high temperatures. In particular, it has been developed for BOPP and Cast film applications where high rigidity, outstanding transparency and very good thermal characteristics are required. Strapping made out of Jampilen ADXP699 shows extremely good creep resistance. 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
	Good Creep Resistance
	High Clarity
	High Gloss
	High Heat Resistance
	High Rigidity
	High Stiffness
	Homopolymer
Uses	Bi-axially Oriented Film
	Cast Film
	Film
	Food Packaging
	Laminates
	Packaging
	Strapping
Agency Ratings	FDA Unspecified Rating
Appearance	Clear/Transparent
Processing Method	Bi-axially Oriented Film
	Cast Film

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	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)	39.0	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638

Flexural Modulus	2000	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)	118	°C	ASTM D648
Vicat Softening Temperature	157	°C	ASTM D1525 <sup>1</sup>
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
NOTE			

1. Loading 1 (10 N)

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