

ADXP699

Homopolymer

Description:

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 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.

Typical Applications

- Flowers and textile packaging
- Sterilizable and pasteurizable food packaging
- Printing lamination and tobacco film
- Strapping

Features: High stiffness and rigidity, High gloss, Good transparency, Improved characteristics at high temperatures, Good creep resistance

Suitable for: BOPP and Cast Film

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	3.5	g/10 min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	2000	MPa	ASTM D790
Tensile Strength at Yield	39	MPa	ASTM D638
Tensile Elongation at Yield	6	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	40	J/m	ASTM D256
Rockwell Hardness	112	R Scale	ASTM D785
Vicat softening point (10 N)	157	°C	ASTM D1525
H.D.T. (0.46 MPa)	118	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	h	ASTM D3012

* Typical values; not to be considered as product specification.