

HP528J

Homopolymer

Description:

HP528J is a polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP) and contains a standard processing stabilization as well as antistatic agent, but does not contain any slip or antiblocking agents and is Calcium Stearate free. HP528J offers good optical, easy processing and very good thickness profile of the films. Typical applications are BOPP packaging films. HP528J is suitable for food contact.

Typical Applications

- BOPP packaging
- Food packaging films

Features: High clarity and gloss, Medium flow, Good Processability

Suitable for: BOPP Film and Thermoforming

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	3	g/10 min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Tensile Modulus (1 mm/min)	1450	MPa	ISO 527-1, -2
Tensile Strength at Break (50mm/min)	23	MPa	ISO 527-1, -2
Tensile strength at Yield (50 mm/min)	34	MPa	ISO 527-1, -2
Tensile elongation at Break (50 mm/min)	>50	%	ISO 527-1, -2
Tensile elongation at Yield (50 mm/min)	11	%	ISO 527-1, -2
Shore hardness (Shore D)	71	----	ISO 868
Vicat softening point A50	156	°C	ISO 306
H.D.T.B (0.45 MPa)	85	°C	ISO 75B-1, -2

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