

Braskem PP HP 523J

Polypropylene Homopolymer

Braskem

Message:

HP 523J is a low fluidity homopolymer with good processability. The product is suitable for metallisable film, both as monolayer and coextruded structures. It does not contain any slip or anti-blocking agents and it is Calcium Stearate free.

Applications:

BOPP films for flexible packaging. Metallized films.

Processing:

Bioriented Film (BOPP)

General Information	
Features	Good Flexibility Homopolymer Low Flow
Uses	Packaging
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Bi-axially Oriented Film Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	33.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	30	J/m	ASTM D256

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