

# Braskem PP HP529J

Polypropylene Homopolymer

Braskem

Message:

HP 529J is a low fluidity homopolymer with good processability. The product is suitable for both as monolayer and coextruded structures. It does not contain any slip or anti-blocking agents.

Applications:

BOPP films for flexible packaging.

Processing:

Bioriented Film (BOPP)

General Information	
Features	Good Flexibility Good Processability 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 <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.1	g/10 min	ASTM D1238
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)	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	40	J/m	ASTM D256

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

