

Braskem PP H 614

Polypropylene Homopolymer

Braskem

Message:

H 614 is a low melt flow rate polypropylene homopolymer, stabilized for applications that demand direct exposure to sunlight, specially designed for the production of big bags. It has good processability and high melt resistance.

Applications:
Big bags; Building shade fabrics; Curtains and covers to aviary and agriculture.

Processing:
Raffia Extrusion

General Information			
Features	Homopolymer		
	Workability, good		
	Low liquidity		
Uses	Bags		
	Agricultural application		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Extrusion		
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)	2.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	34.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1350	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, injection molded	92.0	°C	ASTM D648
1.8 MPa, unannealed, injection molded	53.0	°C	ASTM D648
Vicat Softening Temperature	155	°C	ASTM D1525 ¹
NOTE			

1. 压力1 (10N)

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