

Braskem PP PRA 0852

Polypropylene Random Copolymer

Braskem

Message:

PRA 0852 is a medium melt flow rate random copolymer, with slip and antiblocking agents. It is suitable for blown and cast film. PRA 0852 has excellent optical properties and good processability.

Applications:

Flexible packages with excellent gloss, transparency and sealing properties for general purpose, food and textile packaging.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Food Contact Acceptable		
	Good Processability		
	Medium Flow		
	Opticals		
	Random Copolymer		
	Slip		
Uses	Cast Film		
	Food Packaging		
	Packaging		
	Textile Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	100		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)	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	90.0	°C	ASTM D648
Vicat Softening Temperature	139	°C	ASTM D1525 ¹
NOTE			

1. Loading 1 (10 N)

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