

Braskem PRA 0852 RACO Random Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

PRA 0852 is a medium melt flow rate random copolymer with slip and antiblocking agents. It is suitable for blown and cast film extrusion.

PRA 0852 has excellent optical properties and good processability. Its applications include: flexible packages with excellent gloss, transparency, and sealing properties for general purpose; and food and textile packaging.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-PRA-0852-RACO-Random-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM-D792
Melt Flow	8.5 g/10 min @Load 2.16 kg, Temperature 230 °C	8.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM-D785
Tensile Strength, Yield	33.0 MPa	4790 psi	ASTM-D638
Elongation at Yield	9.0 %	9.0 %	ASTM-D638
Flexural Modulus	1.20 GPa	174 ksi	ASTM-D790
Izod Impact, Notched	0.450 J/cm	0.843 ft-lb/in	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	ASTM-D648
Vicat Softening Point	139 °C @Load 1.02 kg	282 °F @Load 2.25 lb	ASTM-D1525

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