

Braskem CP 741 Blow Molding Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Blow Molding Grade

Material Notes:

Description: CP 741 is a low melt flow rate heterophasic copolymer. It has broad molecular weight distribution and general purpose additive package. CP 741 presents low odor/taste transfer, high melt strength, good processability and excellent impact strength even at low temperatures. Applications: Thermoformed packages with high impact strength; Blown packages and technical parts in general; sheet extrusion. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-CP-741-Blow-Molding-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.895 g/cc	0.0323 lb/in ³	ASTM D792A
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 230 °C	0.80 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	65	65	ASTM D785
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	1% secant; ASTM D790
Izod Impact, Notched	0.390 J/cm @Temperature -20.0 °C	0.731 ft-lb/in @Temperature -4.00 °F	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ASTM D648
Vicat Softening Point	147 °C	297 °F	10 N; ASTM D1525

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