

Braskem CP 404XP HECO Polypropylene Heterophasic Copolymer

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

Material Notes:

CP 404XP is a medium melt flow rate heterophasic copolymer with suitable additives to produce caps and closures for carbonated beverages. This product exhibits high stiffness and impact strength balance, good productivity, and dimensional stability. It is designed for injection molding processing.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-CP-404XP-HECO-Polypropylene-Heterophasic-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM-D792
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM-D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	81	81	ASTM-D785
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM-D638
Elongation at Yield	7.0 %	7.0 %	ASTM-D638
Flexural Modulus, 1% Secant	1400 MPa	203000 psi	ASTM-D790
Izod Impact, Notched	0.390 J/cm	0.731 ft-lb/in	ASTM-D256
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	1.14 J/cm	2.14 ft-lb/in	ASTM-D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	117 °C	243 °F	ASTM-D648
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ASTM-D648
Vicat Softening Point	153 °C	307 °F	ASTM-D1525
	@Load 1.02 kg	@Load 2.25 lb	

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