Braskem PE CP 393

Polypropylene Impact Copolymer

Braskem

Message:

CP 393 is a heterophasic polypropylene copolymer with medium melt flow rate. This product presents very good balance of rigidity / impact resistance, good productivity and dimensional stability.
Applications:
Compounds
Processing:
Injection Molding

General Information	
Features	Good dimensional stability Rigid, good Copolymer Impact resistance, good Medium liquidity
Uses	Composite
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Composite Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.895	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale, Injection Molded)	55		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield, Injection Molded)	21.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	950	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-20°C, injection molding	85	J/m	ASTM D256
23°C, injection molding	No Break		ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, injection molded	90.0	°C	ASTM D648

1.8 MPa, unannealed, injection molded	50.0	°C	ASTM D648
Vicat Softening Temperature	140	°C	ASTM D1525 [1]

NOTE	
1.	压 力1 (10N)

Recommended distributors for this material

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