COPYLENE® CH120

Polypropylene Homopolymer

Phillips 66

Message:

Formulated for excellent processing stability.
Applications:
General purpose injection molding

General Information			
Features	Good Processing Stability Homopolymer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield)	34.5	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant [2]	1450	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	98.0	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

Recommended distributors for this material

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