

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/cm ³	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		

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