COPYLENE® CH350

Polypropylene Homopolymer

Phillips 66

Message:

COPYLENE® CH350 is a controlled rheology, barefoot homopolymer designed for application as a base resin for compounding, consumer products and other injection molding applications.
Applications:
Injection molding

General Information	
Features	Controlled Rheology Homopolymer
Uses	Compounding Consumer Applications
Forms	Pellets
Processing Method	Compounding Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield)	35.1	MPa	ASTM D638
Tensile Elongation (Yield)	6.2	%	ASTM D638
Flexural Modulus - 1% Secant [2]	1480	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	101	°C	ASTM D648

NOTE	
1.	50 mm/min
2.	1.0 mm/min

Recommended distributors for this material

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