

COPYLENE® CH014

Polypropylene Homopolymer

Phillips 66

Message:

COPYLENE® CH014 is a polypropylene homopolymer resin designed for extrusion applications.

Applications:

- Raffia
- Tapes
- Strapping
- Geotextile & Agriculture
- Nets

General Information			
UL YellowCard	E338982-101079868		
Features	Homopolymer		
Uses	Agricultural Applications		
	Netting		
	Strapping		
	Tape		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	33.1	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant ²	1380	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	58	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	93.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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