

Globalene® PD402

Polypropylene Homopolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® PD402 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for bi-axially oriented film or sheet extrusion. Primary attribute of Globalene® PD402: Homopolymer.
Typical applications include:
Film
Sheet

General Information	
Features	Good Stretchability Homopolymer
Uses	Bi-axially Oriented Film Sheet
Forms	Pellets
Processing Method	Bi-axially Oriented Film Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.901	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.3	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	100	°C	ASTM D648

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