

Globalene® PT511

Polypropylene Homopolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® PT511 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for extrusion or sheet extrusion.

Important attributes of Globalene® PT511 are:

Good Weather Resistance

High Strength

Homopolymer

Typical applications include:

Bags/Liners

Sheet

Yarn

General Information	
Features	Good Stretchability Good Weather Resistance High Tensile Strength Homopolymer
Uses	Bags Sheet Yarn
Forms	Pellets
Processing Method	Extrusion 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	1620	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

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