

Moplen HP562T

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP562T is a polypropylene homopolymer manufactured using the Spheripol process. Its has excellent drawability and spinnability properties, and is particularly suitable for production of fine denier spunbond non-wovens. Potential end use applications include diapers and sanitary napkins, apparel covers, wet tissues, shopping bags and agricultural-use textiles. Moplen HP562T can be evaluated in applications that need Anti-Gas Fading performance.

General Information			
Features	Gas-fading Resistant		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Agricultural Applications		
	Bags		
	Nonwovens		
	Spunbond Nonwovens		
Forms	Pellets		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.3	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648

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