

Moplen HP563T

Polypropylene

HMC Polymers

Message:

Fast crystallization polypropylene for spunbond

Features:

Fast crystallization

Narrow MWD for high speed spinning

Excellent processability

Good gas fading resistance

Applications:

Spunbonded nonwoven fabrics

Hygiene products

General Information			
Features	Gas-fading Resistant		
	Good Processability		
	Narrow Molecular Weight Distribution		
Uses	Fibers		
	Hygiene		
	Spunbond Nonwovens		
Processing Method	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	55	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	20	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648

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