

Daploy™ WB140HMS

Polypropylene Homopolymer

Borealis AG

Message:

Daploy WB140HMS is a structurally isomeric modified propylene homopolymer.
It is a long chain branched homopolymer
Applications:
Daploy WB140HMS is recommended for:
Foamed application in automotive, food packaging or other foamed sheet converting technologies.
Special features:
Daploy WB140HMS is optimised to deliver:
High stiffness
High service temperature
Excellent processability
Foamability in foam extrusion processes
Good insulation properties of foamed materials
Good thermal and acoustic insulation properties

General Information			
Features	Branched Polymer Structure		
	Foamable		
	Good Processability		
	High Heat Resistance		
	High Stiffness		
	Homopolymer		
	Recyclable Material		
	Sound Damping		
	Thermally Insulating		
Uses	Automotive Applications		
	Foam		
	Food Packaging		
	Sheet		
Processing Method	Foam Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ISO 527-2
Fill Analysis	Nominal Value	Unit	Test Method
Melt Extensibility	255	mm/sec	Internal Method
Melt Strength	36.0	cN	Internal Method

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