

# Daploy™ WB130HMS

High Melt Strength Polypropylene

Borealis AG

Message:

Daploy WB130HMS is a propylene-based, structurally isomeric polymer.

Applications:

- Thermoformable, foamed films and sheets
- Lightweight packaging trays, beakers and containers
- Microwaveable food packaging
- Technical foams for automotive applications such as headliners, carpet backing
- Door liners
- Parcel shelves
- Water shields
- Thermal and acoustic insulation
- Under the hood acoustic panels
- Cushioning and protective packaging

Special features:

- Daploy WB130HMS is optimised to deliver:
- Improved processability
- High stiffness
- High service temperature
- Foamability in foam extrusion processes
- Good insulation properties of foamed materials

General Information	
Features	Foamable
	Good Processability
	High Stiffness
	Recyclable Material
Uses	Automotive Applications
	Automotive Under the Hood
	Carpet Backing
	Containers
	Film
	Foam
	Food Packaging
	Insulation
	Packaging
	Pipe Coatings
	Sheet
Appearance	Natural Color
Forms	Granules
Processing Method	Extrusion

## Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	2000	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	40.0	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	1.0	kJ/m <sup>2</sup>	
23°C	3.0	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

### Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

