

Bormed™ HD800CF-11

Polypropylene Homopolymer

Borealis AG

Message:

Bormed HD800CF-11 is a polypropylene homopolymer

This grade is suitable for the manufacturing of non-oriented cast films on chill roll process and blown films on tubular water quenching process. This grade can also be processed using injection moulding technology.

General Information			
Features	High Gloss		
	High Stiffness		
	Homopolymer		
	Med.-Wide Molecular Weight Distrib.		
Uses	Closures		
	Medical Packaging		
	Pharmaceuticals		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ¹ (23°C)	1400	MPa	ISO 178
Coefficient of Friction	> 0.70		ISO 8295
Films	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-3
MD	800	MPa	
TD	800	MPa	
Tensile Strength			ISO 527-3
MD	45.0	MPa	
TD	40.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break	600	%	
TD : Break	650	%	
Instrumented Puncture Test - Total Penetration Energy	100	J/cm	ISO 7765-2
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	164	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Gloss (20°)	> 110		ASTM D2457
Haze	< 2.0	%	ASTM D1003

NOTE

1. 50% Relative Humidity

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