

Borstar® ME3407

Medium Density Polyethylene

Borealis AG

Message:

Borstar ME3407 is a bimodal linear medium density (MD) polyethylene grade, which is produced with the Borealis proprietary Borstar bimodal process technology. Its excellent extrusion properties are suitable for thin wall drip irrigation pipe.

Borstar technology allows the manufacturing of polymers with excellent processability, physical toughness and environmental stress crack resistance (ESCR).

The product is ready to be used together with suitable colour master batch.

General Information			
Features	Recyclable Material		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.40	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (50°C, 10% Igepal)	> 1000	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	17.0	MPa	ISO 527-2/50
Tensile Strain (Break)	> 350	%	ISO 527-2/50
Flexural Modulus	550	MPa	ISO 178

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Recommended distributors for this material

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