

# TABOREN EH 51 C 50

High Density Polyethylene

SILON s.ro

Message:

TABOREN EH 51 C 50 is a High Density Polyethylene product filled with 50% calcium carbonate. It can be processed by film extrusion and is available in Asia Pacific or Europe. Typical application: Bags/Liners.

General Information			
Filler / Reinforcement	Calcium Carbonate,50% Filler by Weight		
Uses	Bags		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	9.00	MPa	ISO 527-2/1B/50
Tensile Strain (Yield)	25	%	ISO 527-2/1B/50
Flexural Modulus	500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.0	kJ/m <sup>2</sup>	
0°C	12	kJ/m <sup>2</sup>	
23°C	20	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ISO 306/A

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