

Kostrate® EDGE HB

Thermoplastic

Plastic Selection Group, Inc.

Message:

Kostrate® EDGE HB is a Thermoplastic product. It can be processed by extrusion or extrusion blow molding and is available in North America.

General Information			
Features	Terpolymer		
Processing Method	Extrusion		
	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	> 300	%	ASTM D638
Flexural Modulus	883	MPa	ASTM D790
Flexural Strength (Yield)	31.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact (3.18 mm)	> 4.52	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.18 mm)	68.3	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance	90.0	%	ASTM D1003
Haze	1.5	%	ASTM D1003

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Recommended distributors for this material

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