

Kostrate® EDGE UT

Thermoplastic

Plastic Selection Group, Inc.

Message:

Kostrate® EDGE UT is a Thermoplastic product. It can be processed by injection molding and is available in North America.

General Information			
Features	Terpolymer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.5	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)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	37.9	MPa	ASTM D638
Tensile Elongation (Break)	120	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength (Yield)	51.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact (3.18 mm)	3.95	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.18 mm)	75.6	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance	89.0	%	ASTM D1003
Haze	2.0	%	ASTM D1003
Additional Information	Nominal Value	Unit	
Dishwasher Test	3.0E+2 to 5.0E+2	Cycles	

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Recommended distributors for this material

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