

Jackdaw PLA HW10NT6622

Polylactic Acid
Jackdaw Polymers

Message:

Jackdaw PLA HW10NT6622 is a Polylactic Acid (PLA) product. It can be processed by extrusion and is available in Europe. Primary characteristic: eco-friendly/green.

General Information			
Features	Renewable Resource Content		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240, ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1100	MPa	ISO 527-2
Tensile Strength (Yield)	20.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	190	%	ASTM D638, ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A
1.8 MPa, Annealed	50.0	°C	ASTM D648
Melting Temperature	148	°C	ISO 1218, ASTM D2117

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