

Jackdaw PLA HS10VN6587

Polylactic Acid
Jackdaw Polymers

Message:

Jackdaw PLA HS10VN6587 is a Polylactic Acid (PLA) product. It is available in Europe. Primary characteristic: eco-friendly/green.

General Information			
Features	Renewable Resource Content		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	16	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3300	MPa	ISO 527-2
Tensile Strength			ASTM D638, ISO 527-2
Yield	55.0	MPa	
Break	47.0	MPa	
Tensile Elongation			ASTM D638, ISO 527-2
Yield	2.0	%	
Break	3.0	%	
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹	21.0	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength	21	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	54.0	°C	ASTM D648, ISO 75-2/A
Peak Melting Temperature	152	°C	ASTM D2117, ISO 1218
NOTE			
1.	Method A		

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