

Jackdaw PLA HS10VN6611

Polylactic Acid
Jackdaw Polymers

Message:

Jackdaw PLA HS10VN6611 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	1.27	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3500	MPa	ISO 527-2
Tensile Strength			
Yield	60.0	MPa	ASTM D638, ISO 527-2
Break	48.0	MPa	ISO 527-2
--	48.0	MPa	ASTM D638
Tensile Elongation (Break)	4.5	%	ASTM D638, ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹	23.0	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength	23	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
1.8 MPa, Annealed	55.0	°C	ASTM D648
Peak Melting Temperature	148	°C	ASTM D2117, ISO 1218
NOTE			
1.	Method A		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

