

Jackdaw PC DR14NT6731

Polycarbonate
Jackdaw Polymers

Message:

Jackdaw PC DR14NT6731 is a Polycarbonate (PC) product filled with 20% glass fiber. It is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792, ISO 1183
Molding Shrinkage	0.20 to 0.50	%	Internal Method
Water Absorption (23°C, 24 hr)	0.24	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	90.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	4.0	%	ASTM D638, ISO 527-2
Flexural Modulus	5500	MPa	ASTM D790, ISO 178
Flexural Stress			
--	120	MPa	ISO 178
Break	120	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹	45.5	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength	46	kJ/m ²	ISO 179
Notched Izod Impact Strength	12	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	145	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	135	°C	ASTM D648, ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257, IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
NOTE			
1.	Method A		

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