

Jackdaw PC DX10GY6590

Polycarbonate
Jackdaw Polymers

Message:

Jackdaw PC DX10GY6590 is a Polycarbonate (PC) product. It is available in Europe.

Characteristics include:

Flame Rated
Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Grey		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	75.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	60	%	ASTM D638, ISO 527-2
Flexural Modulus	2200	MPa	ASTM D790, ISO 178
Flexural Stress			
--	90.0	MPa	ISO 178
Break	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	140	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	130	°C	ASTM D648, ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257, IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13
Oxygen Index	> 30	%	ASTM D2863, ISO 4589-2

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