

Jackdaw PC DW70GR6615

Polycarbonate + PET

Jackdaw Polymers

Message:

Jackdaw PC DW70GR6615 is a polycarbonate PET (PC PET) product. It is available in Europe. The main characteristics are: flame retardant/rated flame.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm³	ASTM D792, ISO 1183
Water Absorption			
24 hr	0.80	%	ASTM D570
23°C, 24 hr	0.80	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	70.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	60	%	ASTM D638, ISO 527-2
Flexural Modulus	2400	MPa	ASTM D790, ISO 178
Flexural Stress			
--	95.0	MPa	ISO 178
Fracture	95.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			
-- ¹	50.0	J/m	ASTM D256
--	50	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, not annealed	130	°C	ASTM D648, ISO 75-2/B
1.8 MPa, not annealed	110	°C	ASTM D648, ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Dielectric Strength	20	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index (Solution A)	630	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Additional Information			
Comparative Tracking Index (Solution A), ASTM D3638: 630 V			
NOTE			
1.	Notch B		

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