

RAMLLOY PBB704

Polycarbonate + ABS
Polyram Ram-On Industries

Message:
PC/ABS ALLOY UV STABILIZED FOR INJECTION MOULDING APPLICATION

General Information			
Additive	UV Stabilizer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/5.0 kg)	10	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			
Flow	0.40 to 0.70	%	ASTM D955
--	0.40 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield)	50.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	30	%	ASTM D638, ISO 527-2
Flexural Modulus	2100	MPa	ASTM D790, ISO 178
Flexural Strength	80.0	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C	550	J/m	ASTM D256
23°C	45	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	120	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	100	°C	ASTM D648, ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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