

# RAMLLOY PVB702

Acrylonitrile Butadiene Styrene + Nylon

Polyram Ram-On Industries

Message:

IMPACT MODIFIED, UV STABILIZED ABS/NYLON ALLOY FOR INJECTION MOLDING APPLICATIONS.

General Information			
Additive	Impact Modifier UV Stabilizer		
Features	Good UV Resistance Impact Modified		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (250°C/5.0 kg)	20	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			
Flow	0.80 to 1.0	%	ASTM D955
--	0.80 to 1.0	%	ISO 2577
Water Absorption (Equilibrium, 23°C, 50% RH)	1.4	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield)	35.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	30	%	ASTM D638, ISO 527-2
Flexural Modulus	1480	MPa	ASTM D790, ISO 178
Flexural Strength	60.0	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C	750	J/m	ASTM D256
23°C	60	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	80.0	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ASTM D648, ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093

Dielectric Constant (1 MHz)	3.00		IEC 60250
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		UL 94

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### Recommended distributors for this material

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