

RAMSHINE PVS701

Acrylonitrile Ethylene Styrene

Polyram Ram-On Industries

Message:

UV STABILIZED INJECTION MOULDING AES, HIGH IMPACT RESISTANCE, SUITABLE FOR OUTDOOR APPLICATIONS.

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
	High Impact Resistance		
Uses	Outdoor Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	11	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			
Flow	0.50	%	ASTM D955
--	0.50	%	ISO 2577
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785, ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield)	50.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	12	%	ASTM D638, ISO 527-2
Flexural Modulus	2000	MPa	ASTM D790, ISO 178
Flexural Strength	70.0	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C	240	J/m	ASTM D256
23°C	17	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	89.0	°C	ASTM D648, ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index	550	°C	IEC 60695-2-12

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