

RAMSHINE PAS100

Acrylonitrile Styrene Acrylate
Polyram Ram-On Industries

Message:
PAS 100 IS A GENERAL PURPOSE INJECTION MOULDING ASA. HIGH THERMAL AND MECHANICAL PROPERTIES , GOOD CHEMICAL RESISTANCE.

General Information			
Features	General Purpose		
	Good Chemical Resistance		
	High Heat Resistance		
Uses	Automotive Exterior Parts		
	General Purpose		
RoHS Compliance	RoHS Compliant		
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/2.1 kg)	5.0	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			
Flow	0.50	%	ASTM D955
--	0.50	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1900	MPa	ASTM D638, ISO 527-2
Tensile Strength (Yield)	45.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	20	%	ASTM D638, ISO 527-2
Flexural Modulus	2200	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	180	J/m	ASTM D256
23°C	20	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	101	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	96.0	°C	ASTM D648, ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

