

SCHULABLEND[®] (PC/ASA) M/MA 6301 CA SF U

Polycarbonate + ASA
Engineering Plastics

Product Description

Constant antistatic PC / ASA, UV stabilized, with excellent flow properties and matt surface. Also available without UV stabilization.

General

Processing Method	• Injection Molding
Resin ID (ISO 1043)	• PC+ASA

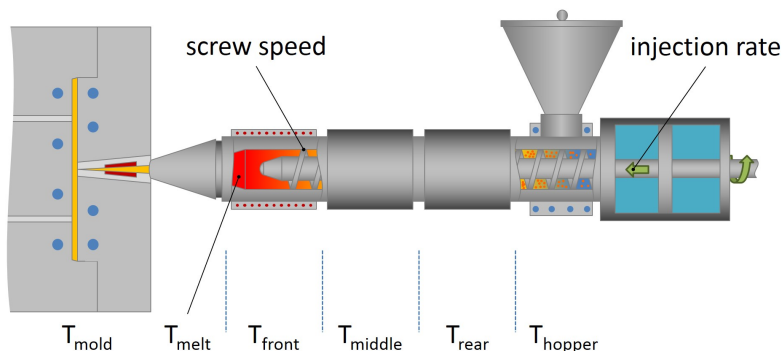
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.16 g/cm ³	1.16 g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	50 cm ³ /10min	50 cm ³ /10min	ISO 1133
Molding Shrinkage	0.40 to 0.60 %	0.40 to 0.60 %	ISO 294-4
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	19 ft·lb/in ²	40 kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-22°F (-30°C)	No Break	No Break	
73°F (23°C)	No Break	No Break	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Vicat Softening Temperature	239 °F	115 °C	ISO 306/B50
Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Surface Resistivity	> 1.0E+15 ohms	> 1.0E+15 ohms	IEC 60093
Volume Resistivity	> 1.0E+13 ohms·m	> 1.0E+13 ohms·m	IEC 62631-3-1
Charge Decay Time - PV 3977 ²	< 20.0 sec	< 20.0 sec	
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Burning Rate			
0.0787 in (2.00 mm)	< 3.9 in/min	< 100 mm/min	ISO 3795
0.0787 in (2.00 mm)	< 3.9 in/min	< 100 mm/min	FMVSS 302
Flammability Classification			IEC 60695-11-10, -20
0.06 in (1.5 mm)	HB	HB	
0.12 in (3.0 mm)	HB	HB	

Additional Information

- 1.) Not for use in food contact applications
- 2.) Not for use in medical or pharmaceutical applications

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Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	212 to 230 °F	100 to 110 °C
Drying Time	4.0 hr	4.0 hr
Suggested Max Moisture	< 0.02 %	< 0.02 %
Suggested Max Regrind	20 %	20 %
Processing (Melt) Temp	500 to 536 °F	260 to 280 °C
Mold Temperature	158 to 212 °F	70 to 100 °C

Notes

¹ Provisional TDS: Material currently in Development Phase.

² PV 3977 Time to reach 0.5 kV