Technical Data Sheet

Schulablend M/MA 6301 CA SF U GRY60005

Polycarbonate + ASA

Product Description

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

Processing Method	Injection Molding
Resin ID	PC+ASA

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (260 °C/5.0 kg)	50	cm³/10 min	ISO 1133
Density	1.16	g/cm³	ISO 1183
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	40	kJ/m²	ISO 179
Charpy Impact Strength - Unnotched			
(23 °C, Type 1, Edgewise)	No Break		ISO 179
(-30 °C, Type 1, Edgewise)	No Break		ISO 179
Thermal			
Vicat Softening Temperature, (B (50N), 50 °C/h)	115	°C	ISO 306
Electrical			
Volume Resistivity	>1.0E+13	ohm*m	IEC 62631-3-1
Charge Decay Time	<20	sec	
PV 3977; PV 3977 Time to reach 0.5 kV			
Surface Resistivity	>1.0E+15	ohm	IEC 60093
Flammable			
Burning Rate			
(2.00 mm)	<100	mm/min	ISO 3795
(2.00 mm)	<100	mm/min	FMVSS 302
UL Information			
Flammability Classification			
(1.5 mm)	HB		IEC 60695-11-10, -20
(3.0 mm)	HB		IEC 60695-11-10, -20

Injection Parameters	Nominal Value	Units
Drying Time	4	hr
Drying Temperature	100 to 110	°C
Suggested Max Moisture	<0.020	%
Processing (Melt) Temp	260 to 280	°C
Mold Temperature	70 to 100	°C