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Technical Data Sheet

Schulablend M/MA 4206UC.7313

Polycarbonate + ASA

Product Description

Schulablend M/MA 4206UC.7313 is an UV stabilized PC/ASA alloy.

Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good Weather Resistance; High Heat Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (Procedure A)	3.9	g/10 min	ASTM D1238
Melt Volume Flow Rate, (260 °C/2.16 kg)	3.5	cm³/10 min	ISO 1133
Density - Specific Gravity, (Method A)	1.11	g/cm³	ASTM D792
Mechanical			
Tensile Stress at Yield, (50 mm/min)	36.0	MPa	ISO 527-2
Flexural Modulus, (1.3 mm/min)	1750	MPa	ISO 178
Tensile Stress at Break, (50 mm/min)	31.0	MPa	ISO 527-2
Tensile Modulus, (50 mm/min)	1320	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C)	31	kJ/m²	ISO 179
Notched Izod Impact Strength, (23 °C)	35	kJ/m²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	81	°C	ISO 75-2/A
UL Information			
Flame Rating, (22.6 mm)	HB		UL 94
UL File Number	E51193-		

Injection Parameters	Nominal Value	Units
Drying Time, (Desiccant Dryer)	3.0 to 4.0	hr
Drying Temperature, (Desiccant Dryer)	93 to 104	°C
Suggested Max Moisture	0.04	%
Processing (Melt) Temp	249 to 271	°C
Mold Temperature	54 to 71	°C