

Stylac IB330

ABS

Asahi Kasei

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	2	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Melt flow index, MFI	1	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	44	MPa	ISO 527
Flexural modulus, 23°C	2450	MPa	ISO 178
Flexural strength	82	MPa	ISO 178
Charpy notched impact strength, +23°C	17	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	93	°C	ISO 75-1/-2
Vicat softening temperature, B	113	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1060	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	blown	-	-
Pre-drying - Temperature	75 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	210 - 230	°C	-
Zone 1	190 - 240	°C	-

Characteristics**Processing**

Other Extrusion, Blow Molding

Regional Availability

North America, Europe, Asia Pacific