

Stylac AE850

ABS

Asahi Kasei

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	10	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Yield stress	29	MPa	ISO 527
Flexural modulus, 23°C	1450	MPa	ISO 178
Flexural strength	47	MPa	ISO 178
Charpy notched impact strength, +23°C	35	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	74	°C	ISO 75-1/-2
Vicat softening temperature, B	89	°C	ISO 306
Other properties			
Density	1010	kg/m ³	ISO 1183
Processing Recommendation Extrusion			
Type of extrusion	profile	-	-
Pre-drying - Temperature	75 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Mold temperature	180 - 210	°C	-
Zone 1	120 - 180	°C	-

Characteristics**Processing**

Profile Extrusion, Other Extrusion

Regional Availability

North America, Europe, Asia Pacific