

Lustran® Elite 1891

ABS

INEOS Styrolution

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Yield stress	45	MPa	ISO 527
Flexural modulus, 23°C	2270	MPa	ISO 178
Izod notched impact strength, +23°C	16.7	kJ/m ²	ISO 180/1A
Izod notched impact strength	7.6	kJ/m ²	ISO 180/1A
Temperature	-40	°C	-
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, parallel	80	E-6/K	ISO 11359-1/-2
Other properties			
Density	1050	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Mold temperature	45 - 65	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific, Near East/Africa