

**DURACON® SF-15LV**

POM

Polyplastics

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>2.2</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>2.0</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1750</b>	MPa	ISO 527
Tensile Strength	<b>38</b>	MPa	ISO 527
Nominal strain at break	<b>103</b>	%	ISO 527
Flexural modulus, 23°C	<b>1530</b>	MPa	ISO 178
Flexural strength	<b>51</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>15</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>72</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>130</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>130</b>	E-6/K	ISO 11359-1/-2

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>3E11</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E14</b>	Ohm	IEC 62631-3-2
Electric strength	<b>18</b>	kV/mm	IEC 60243-1

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1320</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics**

**Special Characteristics**  
High impact or impact modified

**Regional Availability**  
Asia Pacific