

TECHNICAL DATA SHEET

# DURACON® LU-02LV

Polyplastics

POM

**Special Characteristics**

U.V. stabilized or stable to weather

Processing/Physical Characteristics	Value	Unit	Standard
Melt volume-flow rate, MVR	18	cm <sup>3</sup> /10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Melt flow index, MFI	19	g/10min	ISO 1133
Temperature	190	°C	
Load	2.16	kg	
Molding shrinkage, parallel	2.2	%	ISO 294-4, 2577
Molding shrinkage, normal	2.1	%	ISO 294-4, 2577
Mechanical Properties	Value	Unit	Standard
Tensile modulus	2250	MPa	ISO 527
Tensile strength	54	MPa	ISO 527
Nominal strain at break	20	%	ISO 527
Poisson's ratio	0.35		ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Flexural strength	72	MPa	ISO 178
Charpy notched impact strength, +23°C	5.5	kJ/m <sup>2</sup>	ISO 179/1eA
Rockwell hardness	M 80		ISO 2039-2
Thermal Properties	Value	Unit	Standard
Coeff. of linear therm. expansion, parallel	120	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	120	E-6/K	ISO 11359-1/-2
Electrical Properties	Value	Unit	Standard
Volume resistivity	7E11	Ohm*m	IEC 62631-3-1
Surface resistivity	5E15	Ohm	IEC 62631-3-2

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Other Properties	Value	Unit	Standard
Density	1390	kg/m <sup>3</sup>	ISO 1183