

# LUPOX HV- 1010



## Applications

Automobile connector

## Description

LUPOX HV-1010 is mainly used in compounding to develop specific formulations for injection molding.

Properties	Test Method	Test Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ASTM D792		-	1.31
Mold Shrinkage	ASTM D955		%	1.2~2.1
<b>Mechanical</b>				
Tensile Strength at yield	ASTM D638		kg/cm <sup>2</sup>	550
			MPa	54
			psi	7800
Elongation at break	ASTM D638		%	>100
Flexural Strength	ASTM D790		kg/cm <sup>2</sup>	850
			MPa	83
			psi	12100
Flexural modulus	ASTM D790		kg/cm <sup>2</sup>	23000
			MPa	2250
			10 <sup>3</sup> × psi	325
IZOD Impact Strength	ASTM D256	Noched, 23°C	kg · cm/cm	3.5
			J/m	35
			ft · lb/in	0.6
<b>Thermal</b>				
Heat Deflection Temperature	ASTM D648	1.82 MPa	°C	57
			°F	135
			°C	154
			°F	310
0.45 MPa	°C			
	°F			
<b>Flammability</b>				
Flame Retardancy	UL 94		Class (Thick.:mm)	HB (0.81mm)
<b>Characteristics</b>				
High Viscosity				