

# LUFLO LG2400U

Injection Molding, PP+LGF40, UV Stabilized

Properties	Test Condition	Test Method	Unit	Typical Value
<b>Physical</b>				
Specific Gravity		ASTM D792	-	1.20
<b>Mechanical</b>				
Tensile Strength, 3.2mm @ Yield	50mm/min	ASTM D638	kg/cm <sup>2</sup>	1280
Tensile Elongation, 3.2mm @ Yield	50mm/min	ASTM D638	%	-
@ Break	50mm/min		%	3.0
Flexural Strength, 6.4mm	10mm/min	ASTM D790	kg/cm <sup>2</sup>	1,750
Flexural Modulus, 6.4mm	10mm/min	ASTM D790	kg/cm <sup>2</sup>	80,000
IZOD Impact Strength, 6.4mm (Notched)	23 °C -10 °C	ASTM D256	kg·cm/cm	22 24
Rockwell Hardness	R-Scale	ASTM D785	-	
<b>Thermal</b>				
Heat Deflection Temperature, 6.4mm (Unannealed)	18.6kg	ASTM D648	°C	160

Note) Typical values are only for material selection purpose, and variation within normal tolerances are for various colors.

Values given should not be interpreted as specification and not be used for part or tool design.

All properties, except melt flow rate are measured on injection molulded specimens and after 48 hours storage at 23 °C, 50% relative humidity.

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