

# Stirol UPM-0612 L (extra)

High Impact Polystyrene

JSC CONCERN STIROL

## Message:

UPM-0612 L is for manufacturing of goods for technical purpose and goods of national consumption.

General Information	
Features	High Impact Resistance
Uses	Engineering Parts
Forms	Granules
Processing Method	Die Molding Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) <sup>1</sup>	4.0 to 8.0	g/10 min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	< 0.10	%	ISO 62
Bound Styrene	< 0.2	%	
Purity <sup>2</sup>	10.0		

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	> 24.5	MPa	ISO 527-2
Tensile Strain (Break)	> 18	%	ISO 527-2

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	> 6.5	kJ/m <sup>2</sup>	ISO 179

NOTE	
1.	±10%
2.	Disc surface should be clean. It is allowed one insertion with diameter 0,2-0,3 mm at the surfaces of disks converting to area, cm <sup>2</sup>

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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