

# Polylink Polymer P-11060-CT

Compounded Polypropylene

Polylink Polymers (India) Ltd.

## Message:

P-11060-CT is manufactured by compounding polypropylene Homo-polymer with fine grade of chalk & talc, suitable processing aids, heat stabilizers and anti oxidants. This injection molding grade is specially designed for grade furniture and house hold application. Filed ppcounds for garden furniture. The filler in the compound incorporates certain important those are essential for ultimate product.

The properties are as under.

Improves mechanical property.

Improves gloss, Service temperature.

Improves dimension stability etc.

Reduces cost.

Reduce cycle time.

Reduces shrinkage etc.

General Information	
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Filler / Reinforcement	Chalk filler, 60% filler by weight
	Talc filler, 60% filler by weight

Features	Homopolymer
Uses	Furniture
Appearance	White
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	< 1.45	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.5 - 6.5	g/10 min	ASTM D1238
Moisture Content	< 600	ppm	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	17.2	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3430	MPa	ASTM D790
Flexural Strength	26.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	25	J/m	ASTM D256
Extrusion	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Cylinder Zone 1 Temp.	160 - 170	°C	
Cylinder Zone 2 Temp.	180 - 190	°C	
Cylinder Zone 3 Temp.	200	°C	
Cylinder Zone 4 Temp.	210	°C	

Cylinder Zone 5 Temp.	220	°C
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#### Extrusion instructions

Zone 6 : 230°C - 235°C

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#### Recommended distributors for this material

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