

Lupoy® HP5004HF

Polycarbonate + ABS

LG Chem Ltd.

Message:

Lupoy® HP5004HF is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific, Europe, Latin America, or North America.

Important attributes of Lupoy® HP5004HF are:

Heat Resistant

High Flow

Impact Resistant

Typical application of Lupoy® HP5004HF: Housings

General Information			
UL YellowCard	E248280-100040827	E67171-464734	
Features	High Flow		
	High Heat Resistance		
	Low Temperature Impact Resistance		
Uses	Housings		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	6.1	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	57.2	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	2220	MPa	ASTM D790
Flexural Strength	88.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	420	J/m	
23°C	590	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	113	°C	ASTM D648

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Recommended distributors for this material

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