

4LOY® 9E22120 HUV

Polycarbonate + ABS
4Plas

Message:

4LOY 9E22120 HUV is a Standard Flow 20% Glass Fibre Reinforced Heat & UV Stabilised PC/ABS

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Additive	heat stabilizer		
	UV stabilizer		
Features	Good UV resistance		
	Thermal Stability		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.29	g/cm ³	ISO 1183
Water Absorption ¹ (Equilibrium, 23°C, 50% RH)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	7000	MPa	ISO 527-2/5
Tensile Stress (Break, 23°C)	120	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	12	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (-30°C)	10	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	120	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Volume Resistivity	1.0E+13	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	2.0 - 4.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	240 - 270	°C	
Mold Temperature	70.0 - 90.0	°C	
Injection Rate	Moderate-Fast		

Holding Pressure	50.0 - 100	MPa
Screw Speed	200	rpm

Injection instructions

Feed Throat Temperature: 60 - 80 °CBack Pressure: Low

NOTE

1. 24 Hrs

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Recommended distributors for this material

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