

HONES® PA66 G35

Polyamide 66

Guangdong Shunde Hones Polymer Material Co., Ltd.

Message:

Technology characteristics: Flame retardant, high fluidity

General Information			
Features	Flame Retardant		
	High Flow		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.70 to 1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.0	MPa	ASTM D638
Flexural Strength	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m²	ISO 179
Charpy Unnotched Impact Strength	40	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength (2.00 mm)	26	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	2.70		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.20 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	130	°C	
Drying Time	4.0	hr	
Rear Temperature	220 to 265	°C	
Middle Temperature	260 to 270	°C	
Front Temperature	260 to 270	°C	
Nozzle Temperature	260 to 270	°C	
Mold Temperature	60.0 to 90.0	°C	
Injection Pressure	60.0 to 120	MPa	

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