Clariant Nylon 6/6 6605-L BK-10

Polyamide 66

Clariant Corporation

Message:

Clariant Nylon 6/6 6605-L BK-10 is a Polyamide 66 (Nylon 66) material. It is available in North America for injection molding.

Important attributes of Clariant Nylon 6/6 6605-L BK-10 are:

Carbon Black
Good UV Resistance
Good Weather Resistance
Lubricated

General Information			
Additive	Carbon Black		
	Lubricant		
Features	Good UV Resistance		
	Good Weather Resistance		
	Lubricated		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.4 to 1.9	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	77.2	MPa	ASTM D638
Tensile Elongation (Break)	28	%	ASTM D638
Flexural Modulus	2690	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	227	°C	
1.8 MPa, Unannealed	80.0	°C	
Melting Temperature	259	°C	
Injection	Nominal Value	Unit	
Drying Temperature	71.1 to 82.2	°C	
Suggested Max Regrind	25	%	
Rear Temperature	249 to 271	°C	
Middle Temperature	271 to 288	°C	
Front Temperature	282 to 299	°C	

Nozzle Temperature	266 to 288	°C
Mold Temperature	71.1 to 104	°C
Injection Pressure	55.2 to 138	MPa
Back Pressure	0.00 to 1.03	MPa
Screw Speed	30 to 60	rpm

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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WECHAT