

Clariant Nylon 6/6 BR-2025 BK

Polyamide 66
Clariant Corporation

Message:

Clariant Nylon 6/6 BR-2025 BK is a polyamide 66 (nylon 66) material. This product is available in North America and is processed by injection molding. The main characteristics of Clariant Nylon 6/6 BR-2025 BK are impact modification.

General Information			
Additive	Impact modifier		
Features	Impact modification		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.1	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	71.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	4.0 - 6.0	hr	
Rear Temperature	288	°C	
Middle Temperature	277	°C	
Front Temperature	274	°C	
Nozzle Temperature	274	°C	
Processing (Melt) Temp	274	°C	
Mold Temperature	82.2	°C	
Injection Pressure	7.58	MPa	
Injection Rate	Moderate		
Back Pressure	0.345	MPa	
Screw Speed	75	rpm	
Injection instructions			

Secondary Injection Pressure: 600 psi

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Recommended distributors for this material

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