

TECHNYL® 2210HS BLACK

Polyamide 66
Solvay Engineering Plastics

Message:
Polyamide 66, unfilled, long-term heat stabilized, lubricated for injection molding.

General Information			
Additive	Heat Stabilizer		
	Lubricant		
Features	Heat Stabilized		
	Lubricated		
Uses	Automotive Applications		
	Connectors		
	Switches		
	Tanks		
Appearance	Black		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA66<		
Physical	Nominal Value	Unit	Test Method
Density	1.54	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow	1.8 to 2.2	%	
Flow	1.5 to 2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	80.0	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	3200	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.0	°C	ASTM D648
Melting Temperature	262	°C	ISO 11357-3
Flammability	Nominal Value		Test Method
Flame Rating (0.800 to 3.20 mm)	V-2		UL 94
Injection	Nominal Value	Unit	

Drying Temperature	80.0	°C
Suggested Max Moisture	0.20	%
Rear Temperature	260 to 270	°C
Middle Temperature	270 to 275	°C
Front Temperature	275 to 285	°C
Mold Temperature	60.0 to 80.0	°C

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Recommended distributors for this material

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