

TECHNYL® A 208K BLACK 10N-L

Polyamide 66
Solvay Engineering Plastics

Message:
Polyamide 66, Highly UV-resistance, toughness modified for injection molding

General Information				
Additive	Impact Modifier			
Features	Good Toughness			
	Good UV Resistance			
	Impact Modified			
Uses	Fasteners			
Appearance	Black			
Processing Method	Injection Molding			
Part Marking Code (ISO 11469)	>PA66<			
Physical	Dry	Conditioned	Unit	Test Method
Density	1.14	--	g/cm ³	ISO 1183
Molding Shrinkage				Internal Method
Across Flow	1.9	--	%	
Flow	1.9	--	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	1.2	--	%	ISO 62
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	121	--		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (Yield)	84.0	--	MPa	ASTM D638
Tensile Elongation (Break)	10	--	%	ASTM D638
Flexural Modulus	3000	--	MPa	ASTM D790
Flexural Strength (Break)	118	--	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact	62	--	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	73.0	--	°C	
1.8 MPa, Unannealed	211	--	°C	
Melting Temperature	262	--	°C	ISO 11357-3
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	1.0E+14	4.0E+12	ohms	IEC 60093

Volume Resistivity	1.0E+15	1.0E+14	ohms·cm	IEC 60093
Relative Permittivity	2.90	3.20		IEC 60250
Dissipation Factor	0.030	0.080		IEC 60250
Injection	Dry	Unit		
Drying Temperature	80.0		°C	
Suggested Max Moisture	0.20		%	
Rear Temperature	265 to 285		°C	
Middle Temperature	270 to 290		°C	
Front Temperature	275 to 295		°C	
Mold Temperature	50.0 to 80.0		°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

